

Ολύμπια Δώματα.

O R, A N

ALMANACK

For the YEAR of

Our LORD GOD, 1757.

Being the first after BISSEXTILE, or
LEAP-YEAR.

And from the World's Creation, 5761.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

*Heaven's Volumes are epitomized here,
To shew th' exact Description of the Year.*

By *TYCHO WING, Philomath.*

L O N D O N :

Printed by T. PARKER, for the Company of
S T A T I O N E R S.

Ephemerides. K.

Common Notes for the YEAR 1757.

Golden Number	10
Epact	9
Cycle of the Sun	2
Dominical Letter	B
Roman Indiction	5
Number of Direction	20

A TABLE of TERMS and their RETURNS.

Hilary-Term begins *Jan. 23*, ends *Feb. 12*.

Returns or Effoign-days.		Exc.	Ret.	Ap.	W. D.
In eight days of <i>St. Hilary</i> ,	<i>Jan. 20</i>	21	22	24	Monday
From the day of <i>St. Hilary</i> in 15 days,	27	28	29	31	Monday
On the morrow of the Purif. Blessed <i>Mary</i> ,	<i>Feb. 3</i>	4	5	7	Monday
In eight days of the Purif. of Blessed <i>Mary</i> ,	9	10	11	12	Saturday

Easter-Term begins *April 27*, ends *May 23*.

From the day of Easter in 15 days,	<i>April 24</i>	25	26	27	Wednes.
From the day of Easter in 3 weeks,	<i>May 1</i>	2	3	4	Wednes.
From the day of Easter in 1 month,	8	9	10	11	Wednes.
From the day of Easter in 5 weeks,	15	16	17	18	Wednes.
On the morrow of the Ascension,	20	21	22	23	Monday

Trinity-Term begins *June 10*, ends *June 29*.

On the morrow of the holy Trinity,	<i>June 6</i>	7	8	10	Friday
In eight days of the holy Trinity,	12	13	14	15	Wednes.
From the day of holy Trinity in 15 Days,	19	20	21	22	Wednes.
From the day of holy Trinity in 3 Weeks,	26	27	28	29	Wednes.

Michaelmas-Term begins *Nov. 7*, ends *Nov. 28*.

On the morrow of <i>All Souls</i> ,	<i>Nov. 3</i>	4	5	7	Monday
On the morrow of <i>St. Martin</i> ,	12	13	14	15	Tuesday
In eight days of <i>St. Martin</i> ,	18	19	20	21	Monday
In 15 days of <i>St. Martin</i> ,	25	26	27	28	Monday

N. B. No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the first and last Days of every Term, are the first and last Days of Appearance.

W I N G 1757.

The Regal Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin Jan. 1.		Length of each Reign, accountin. ²⁸ D. a Month.			Number of Years expired since they began to Reign.	
Kings Names	began to reign	Y.	M.	D.	Beg	Kings Names.
William I.	1066 Oct. 14	20	11	22	691	William 1
William II.	1087 Sept. 9	12	11	18	670	William 2
Henry I.	1100 Aug. 1	35	4	12	657	Henry 1
Stephen	1135 Dec. 2	18	11	19	622	Stephen
Henry II.	1154 Oct. 25	34	9	2	603	Henry 2
Richard I.	1189 July 6	9	9	22	568	Richard 1
John	1199 April 6	17	7	1	558	John
Henry III.	1216 Oct. 19	56	1	1	541	Henry 3
Edward I.	1272 Nov. 16	34	8	9	485	Edward 1
Edward II.	1307 July 7	19	7	6	450	Edward 2
Edward III.	1327 Jan. 25	50	5	7	430	Edward 3
Richard II.	1377 June 21	22	3	16	380	Richard 2
Henry IV.	1399 Sept. 29	13	6	4	358	Henry 4
Henry V.	1413 Mar. 20	9	5	24	344	Henry 5
Henry VI.	1422 Aug. 31	38	6	17	335	Henry 6
Edward IV.	1461 Mar. 4	22	1	8	296	Edward 4
Edward V.	1483 April 9	0	2	18	274	Edward 5
Richard III.	1483 June 22	2	2	5	274	Richard 3
Henry VII.	1485 Aug. 22	23	8	19	272	Henry 7
Henry VIII.	1509 Apr. 22	37	10	1	248	Henry 8
Edward VI.	1547 Jan. 28	6	5	19	210	Edward 6
Q. Mary I.	1553 July 6	5	4	22	204	Q. Mary 1
Q. Elizabeth	1558 Nov. 17	44	4	15	199	Q. Elizabeth
James I.	1603 Mar. 24	22	0	3	154	James 1
Charles I.	1625 Mar. 27	23	11	1	132	Charles 1
Charles II.	1649 Jan. 30	36	0	7	108	Charles 2
James II.	1685 Feb. 6	4	0	17	72	James 2
Will. 3. & M.	1689 Feb. 13	13	0	14	68	William 3
Q. Anne	1702 Mar. 8	12	5	6	55	Q. Anne
George I.	1714 Aug. 1	12	11	6	43	K. George 1
George II.	1727 June 11	Whom God grant to long reign.				

A Table of the Moon's Southing, of excellent Use to find the Time of *High-Water*, and Hour of the Night, for the first six Months of this present Year 1757.

Days	Jan.		Feb.		March		April		May		June	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	9A	15	10A	11	8A	54	10A	4	10A	22	11A	39
2	10	2	10	58	9	42	10	51	11	12	Morn.	
3	10	49	11	45	10	31	11	38	Morn.		0	39
4	11	35	Morn.		11	17	Morn.		0	3	1	42
5	Morn.		0	31	Morn.		0	26	0	59	2	43
6	0	33	1	17	0	3	1	17	1	55	3	43
7	1	9	2	3	0	49	2	8	2	55	4	40
8	1	56	2	49	1	36	3	3	3	55	5	35
9	2	42	3	34	2	24	4	0	4	55	6	24
10	3	26	4	22	3	14	4	58	5	53	7	12
11	4	11	5	12	4	7	5	56	6	47	8	0
12	4	55	6	5	4	59	6	54	7	39	8	46
13	5	42	7	0	5	55	7	51	8	28	9	31
14	6	32	7	57	6	55	8	46	9	17	10	18
15	7	22	8	58	7	54	9	38	10	3	11	5
16	8	18	10	0	8	52	10	28	10	51	11	53
17	9	17	11	0	9	50	11	17	11	37	0A	42
18	10	18	11	58	10	44	0A	6	0A	25	1	30
19	11	21	0A	52	11	38	0	53	1	14	2	18
20	0A	24	1	44	0A	29	1	42	2	3	3	4
21	1	23	2	34	1	18	2	30	2	52	3	49
22	2	17	3	22	2	7	3	19	3	40	4	34
23	3	10	4	9	2	54	4	8	4	26	5	17
24	3	59	4	56	3	42	4	56	5	12	6	1
25	4	46	5	43	4	31	5	43	5	58	6	46
26	5	31	6	31	5	19	6	30	6	43	7	33
27	6	17	7	18	6	7	7	16	7	27	8	22
28	7	2	8	6	6	56	8	2	8	13	9	16
29	7	48			7	43	8	48	9	1	10	13
30	8	35			8	30	9	34	9	51	11	14
31	9	23			9	18			10	43		

Note, The Moon, or any Star, is said to be South, when they appear in that Quarter of the Heavens in which the Sun is at Noon-day, which for the Moon this Table will direct.

Table of the Moon's Southing, of excellent Use to find the Time of *High-Water*, and Hour of the Night, for the last six Months of the present Year 1757.

Days	July		August		Sept.		Octob.		Nov.		Dec.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	Morn.		1M 1		2M 28		2M 55		4M 9		4M 20	
2	0	17	1	57	3	17	3	45	4	59	5	7
3	1	21	2	51	4	6	4	34	5	46	5	51
4	2	22	3	42	4	55	5	24	6	34	6	33
5	3	19	4	32	5	45	6	13	7	20	7	16
6	4	13	5	19	6	33	7	1	8	4	8	0
7	5	4	6	7	7	22	7	49	8	47	8	45
8	5	53	6	55	8	11	8	36	9	31	9	32
9	6	39	7	42	8	59	9	21	10	17	10	23
10	7	24	8	31	9	46	10	5	11	4	11	17
11	8	11	9	19	10	32	10	51	11	53	0A 15	
12	8	57	10	7	11	17	11	36	0A 46		1	16
13	9	45	10	54	0A 2		0A 22		1	42	2	18
14	10	34	11	40	0	46	1	10	2	40	3	17
15	11	21	0A 27		1	32	2	0	3	39	4	14
16	0A 9		1	12	2	18	2	52	4	38	5	9
17	0	56	1	56	3	5	3	48	5	35	6	0
18	1	42	2	39	3	56	4	46	6	29	6	49
19	2	27	3	24	4	49	5	45	7	22	7	35
20	3	11	4	10	5	45	6	42	8	12	8	23
21	3	55	4	58	6	43	7	40	9	2	9	10
22	4	39	5	51	7	41	8	35	9	50	9	58
23	5	24	6	45	8	40	9	28	10	38	10	46
24	6	11	7	43	9	40	10	18	11	26	11	37
25	7	1	8	43	10	35	11	9	Morn.		Morn.	
26	7	56	9	45	11	29	11	59	0	16	0	25
27	8	54	10	47	Morn.		Morn.		1	5	1	15
28	9	55	11	46	0	22	0	49	1	55	2	2
29	10	58	Morn.		1	14	1	39	2	44	2	47
30	12	0	0	42	2	4	2	29	3	33	3	33
31	Morn.		1	35	-		3	18			4	15

you; and for the Planets and most remarkable fix'd Stars, their Southings are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

The Use of the preceding TABLE of the Moon's Southing, find the Time of High-Water, and Hour of the Night.

I. To find the Time of High-Water in most Ports of ENGLAND.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea-Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A TABLE of the Sea-Coasts.

<i>Portsmouth, Queenborough, Southampton,</i>	0 0
<i>Recheester, Winchelsea, Flushing,</i>	0 4
<i>Downs, Gravesend, Ramkins, Guernsey,</i>	1 3
<i>Denbigh, Bell-Isle, Holy-Isle, Down-Road,</i>	2 1
<i>London, Tinmouth, Whitby, Hartlepool,</i>	3 0
<i>Scarborough, Berwick, Flushing, Staples,</i>	3 4
<i>Flamborough, Humber, Bridlington-Bay,</i>	4 3
<i>Plymouth, Ramsey, Newcastle, Severn,</i>	5 1
<i>Lynn, Fosdyke, Hull, Weymouth, Dartmouth, Cross-keys,</i>	6 0
<i>Boston, Start-Point, Foulness, Bristol-Key,</i>	6 4
<i>Bridgewater, Milford-Haven, Lizard, Wintertown,</i>	7 3
<i>Yarmouth, Isle of White, the Needles,</i>	8 1
<i>Isle of Man, Orkney, Pool, South-Forceland,</i>	9 1
<i>Dover, Harwich, Orfordness, Bullein,</i>	10 1
<i>Rye, Solebay, Margate-Road,</i>	11 1

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing, leaves the Time of Night. *Note,* You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.

The Kalendar explain'd.

The Left hand Pages contain at Top

The New and Full Moons with their Quarters; also the Rising and Setting of *Jupiter* and *Venus* to every fifth Day.

Below which are seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked with the Dominical Letter for the Year.

The third Column contains the Fasts and Festivals of the Church of England, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of *London*.

The seventh contains the Planets Mutual Aspects and Variation of the Air.

On the Tops of the Right-hand Pages

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 5th Day of the Month.

Below which

Are four other Columns. The first is the Days of the Month.

The second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

Note. You have the Longitude and Declination of *Mercury* in the Page after *December*.

January 1757.

Full Moon the 5th day, at noon.

Last Quarter the 13th day, at 11 in the morn.

New Moon the 20th day, at 2 in the morn.

First Quarter the 27th day, at 2 in the morn.

Days	Jupiter rises.	Venus sets.
1	3M 8	4M 53
6	2 51	5 4
11	2 33	5 15
16	2 16	5 25
21	1 59	5 35
26	1 40	5 40

M	W	Holy Days	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
D	D	☉ rises & sets.				
1	S	Circumcision	3M 53	28♂ 0	14N 45	
2	B	2S. aft. Chriſt.	4 54	9♂ 59	17 7	Wet and Windy
3	M	Sun riſe 8 8	5 54	21 52	18 42	* ☉ ♀
4	T	Sun ſet 3 53	6 46	3♂ 43	19 30	* ♀ ☉
5	W	Old Chriſt. D.	D riſes.	15 32	19 27	about the Begin.
6	T	Epiphany	5A 20	27 23	18 30	* ♀ ☉ ☉ ☉
7	F	Ch. faſt 6 57	6 19	9♂ 17	16 47	ning.
8	S	Lucian	7 21	21 16	14 17	
9	B	1S. aft. Epip.	8 24	3♂ 23	11 10	
10	M	Pſ. Eliz. bor	9 31	15 40	7 31	Sharp Froſty Wea.
11	T	Day br. 5 53	10 39	28 12	3 29	* ♀ ☉
12	W	Old N. Y. day	11 49	11♂ 2	0 S 47	ther, perhaps ſome
13	T	Sun riſe 7 59	Morn.	24 12	5 8	Hilary B. and Co.
14	F	Sun ſet 4 2	1 2	7♂ 46	9 22	Snow.
15	S		2 14	21 46	13 13	
16	B	2S. aft. Epip.	3 31	6♂ 12	16 23	
17	M	Old Twelf. d.	4 47	21 1	18 35	
18	T	Prisca Virgin	5 57	6♂ 6	19 32	
19	W	Ch. faſt 11 23	6 57	21 18	19 6	
20	T	Fabian	D ſets.	6♂ 27	17 17	
21	F	Agnes Virg.	6A 19	21 24	14 17	♂ ♀ ☉
22	S	Vincent	7 40	5♂ 59	10 28	
23	B	3S. aft. Epip.	8 56	20 10	6 8	Windy and ſome
24	M	Term begins	10 9	3♂ 52	1 39	☉ ♀ ☉
25	T	Con. St. Paul	11 19	17 8	2N 47	Showers.
26	W	Sun riſe 7 40	Morn.	29 59	6 56	Cold.
27	T	Sun ſet 4 21	0 27	12♂ 30	10 42	Dark gloomy
28	F	Twilig. 2 2	1 32	24 45	13 54	Weather.
29	S		2 35	6♂ 48	16 27	
30	B	4S. aft. Epip.	3 36	18 42	18 17	X. Ch. I. Mat.
31	M	Day br. 5 32	4 22	0♂ 33	19 19	

Wing.	Saturn.	Jupiter.	Mars.	Venus.
	Declin.	Declin.	Declin.	Declin.
1	8 58 18 S 49	13 18 14 S 49	6 55 24 S 5	3 9 18 S 54
6	9 32 18 40 14	4 15 11 10 44 23 53	9 14 20 7	
11	10 6 18 31 14	48 15 14 14 34 23 32	15 19 21 5	
16	10 41 18 21 15	29 15 25 18 25 23 6	21 26 21 49	
21	11 17 18 12 16	6 15 36 22 17 22 33	27 33 22 16	
26	11 52 18 3 16	40 15 45 26 10 21 53	37 41 22 32	

M.	Sun's Place.	Sun's Declin.	Observations.
1	11 23	23 S 0	Saturn sets at 19 min. after 6 at night.
B 12	24 22	54	Sirius South 38 min. past 11 at night.
3	13 26	22 48	
4	14 27	22 47	☾ in Apog. greatest Distance from the Earth
5	15 28	22 35	Pole Star South 35 min. after 5 at night.
6	16 29	22 28	Capella South 45 min. past 9 at night.
7	17 30	22 20	Saturn sets 56 min. past 5 at night.
8	18 31	22 12	Day 7 hours 52 min. long, increased 18.
B 19	33 22	3	
10	20 34	21 54	Rigel South 32 min. after 9 at night
11	21 35	21 45	Regulus South 23 min. past 2 in the morn.
12	22 36	21 35	Sirius South 54 min. after 10 at night.
13	23 37	21 25	Cambridge Term begins.
14	24 38	21 14	
15	25 39	21 3	
B 26	40 20	52	Sirius sets 19 min. past 3 in the morning.
17	27 41	20 40	Day 8 hours 12 m. long, increased 38 m.
18	28 43	20 27	
19	29 44	20 15	☾ in Perig. nearest Distance to the Earth.
20	☾ 45	20 2	Sun enters ☾ 19th day 16 m. past 6 at night
21	1 46	19 48	Apparent Time.
22	2 47	19 34	Mercury sets 13 min. past 5 at night.
B 3	48 19	20	Capella South 32 min. after 8 at night.
24	4 49	19 6	
25	5 50	18 51	
26	6 51	18 36	Mercury sets 38 min past 5 at night.
27	7 51	18 20	Day 8 h. 42 min. long, increased 1 h 8 m.
28	8 52	18 4	Regulus South 11 min. past 1 in the morn.
29	9 53	17 48	Sirius South 43 min. after 9 at night.
B 10	54 17	32	
3	11 55	17 15	

February 1757.

Full Moon the 4th day, at 7 in the morn.
 Last Quarter the 11th day, at 10 at night.
 New Moon the 18th day, at 1 in the after.
 First Quarter the 25th day, at 9 at night.

Days	Jupiter rises.	Venus rises.
1	1M20	5M46
6	1 2	5 49
11	0 44	5 53
16	0 27	5 54
21	0 9	5 52
26	11A46	5 50

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	Orises & sets.	fets.	Place.	Declin.	Weather.
1	L	Cl. fast 14. 11.	5M 21	12 22	19N 30	♂ ☉ ♀
2	W	Purif. V. M.	6 6	24 12	18 51	Mild, the Season
3	T	Blase	6 45	6 8	17 19	considered.
4	F		☾ rises.	18 10	15 2	☾ eclip. part Vid.
5	S	Agatha	6A 9	0 20	12 2	
6	B	Septuagesim.	7 18	12 41	8 31	* ♃ ♀ ☐ ☉ ♃
7	M	Sun rise 7. 20.	8 24	25 13	4 32	
8	T	Sun set 4. 42.	9 32	7 59	0 17	
9	W	Day br. 5. 17.	10 44	20 59	4 S 1	
10	T	Twi. 1. 58.	11 57	4 15	8 15	
11	F		Morn.	17 48	12 8	Cold Rain or
12	S	Term ends	1 11	1 40	15 25	Sleet about this
13	B	Sexagesima	2 24	15 49	17 54	Old Candlem. day
14	M	Valentine	3 33	0 16	19 18	Time.
15	T	Sun rise 7. 5.	4 37	14 56	19 26	
16	W	Sun set 4. 57	5 33	29 44	18 15	
17	T	Cl. fast 14. 31	6 20	14 34	15 48	
18	F	Day br. 5. 2.	☾ sets.	29 18	12 19	☾ eclipsed Invis.
19	S		6A 26	13 48	8 9	♂ ♀ ☉
20	B	Shrove Sund.	7 43	27 59	3 37	
21	M	Twi. 1. 56.	8 57	11 46	0N 59	♂ ☉ ♀
22	T	Shrove Tues.	10 8	25 9	5 24	Windy and Wet.
23	W	Ash-Wednes.	11 17	8 7	9 23	
24	T	Sr. Matthias	Morn.	20 43	12 55	☐ ♃ ♂
25	F	Sun rise 6. 46.	0 23	3 1	15 43	
26	S	Sun set 5. 16.	1 26	15 5	17 49	Fair and Pleasant
27	B	St. S. in Lent.	2 25	27 0	19 7	
28	M		3 18	8 50	19 33	

Wing.	Days	Saturn.			Jupiter.			Mars.			Venus.		
		\overline{m}	Declin.		\overline{m}	Declin.		\overline{m}	Declin.		\overline{v}	Declin.	
	1	12	35	19 S 51	17	16	15 S 54	0	50	20 S 59	11	4	22 S 26
Feb.	6	13	10	17 41	17	41	16 0	4	44	20 7	17	13	22 0
	11	13	46	17 30	18	2	16 6	8	39	19 8	23	23	21 20
	16	14	22	17 21	18	19	16 10	12	33	18 5	29	33	20 25
1757.	21	14	57	17 11	18	32	16 12	16	28	16 58	5 \overline{m}	43	19 13
	26	15	31	17 2	18	40	16 15	20	24	15 46	11	53	17 47

M	Place.	Sun's	Observations.
D	Sun's	Declin.	
1	12 \overline{m}	56	16 S 58 Mercury sets 12 m. after 6 at night.
2	13	57	16 40 Mars rises at 7 in the morn. ☽ in Apog.
3	14	58	16 23 Aldebaran South 11 m. past 7 at night.
4	15	58	16 5 ♀'s greatest Vespertine Elongation from
5	16	59	15 46 the Sun 18° 8', sets 1 h. 45 m. aft. him.
B 18	00	15	28 Capella South 31 m. past 7 at night.
7	19	1	15 9 Day increased 1 hour 50 minutes.
8	20	1	14 50
9	21	2	14 31
10	22	2	14 11 Mercury sets half an hour past 6 at night.
11	23	3	13 52 Saturn rises 55 m. after 6 in the morn.
12	24	4	13 32 Day 9 hours 38 m. long.
B 25	4	13	11 Middle * in Orion's Girdle South 34 m.
14	26	5	12 51 past 7 at night.
15	27	5	12 30
16	28	6	12 9 ☽ in Perig. nearest to the earth.
17	29	6	11 48 The lesser Dog * South 19 m. aft. 9 at n.
18	☿	7	11 27 Sun enters ☿ 7 min. past 9 in the morn.
19	1	7	11 6 Sirius sets at 1 in the morning.
B 2	7	10	44
21	3	8	10 23 Mars rises 23 min. after 6 in the morn.
22	4	8	10 1 Day increased 2 hours 42 minutes.
23	5	8	9 39 Sirius South 5 min. past 8 at night.
24	6	9	9 16 Regulus South 22 min. after 11 at night.
25	7	9	8 54
26	8	9	8 32 Saturn rises at 6 o'clock in the morning.
B 9	9	8	9 Day 10 hours 36 minutes long.
28	10	9	7 46 Hydra's Heart South 27 m. past 10 at n.

March 1757.

Full Moon the 5th day, at midnight.

Last Quarter the 13th day, at 6 in the morn.

New Moon the 20th day, at 1 in the morn.

First Quarter the 27th day, at 5 in the after.

Days	Jupiter rises.	Venus rises.
1	11 A 35	5 M 47
6	11 17	5 44
11	10 58	5 38
16	10 38	5 33
21	10 19	5 27
26	10 0	5 19

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	Grises & sets.	sets.	Place.	Declin.	Weather.
1	T	David	4 M 5	20 39	19 N 10	♂ ♀ ♀
2	W	Ember Week	4 46	2 33	17 55	Chad
3	T	Day br. 4 39	5 21	14 33	15 49	Windy with fre.
4	F	Cl. fast 12 6	5 52	26 45	12 59	☐ ♀ ♀
5	S	P's Hesse bo.	6 19	9 8	9 34	quent Showers.
6	B	2 S. in Lent	D rises.	21 47	5 38	
7	M	Perpetua	7 A 28	4 40	1 23	
8	T		8 39	17 48	3 S 0	♂ ♀ ♀
9	W	Sun rise 6 22	9 52	1 9	7 21	Δ ☉ ♀
10	T	Sun set 5 40	11 6	14 43	11 21	
11	F	Twilig. 1 57	Morn.	28 28	14 48	
12	S	Gregory	0 18	12 23	17 28	Sharp Air incli.
13	B	3 S. in Lent	1 29	26 26	19 8	nable to frost.
14	M		2 35	10 37	19 36	
15	T	Sun rise 6 10	3 32	24 55	18 50	
16	W	Sun set 5 52	4 19	9 16	16 52	
17	T	St. Patrick	5 0	23 37	13 49	♂ ♀ ♂
18	F	Ed. K.W.S.	5 34	7 55	9 56	
19	S	P's Louisa b.	6 3	22 4	5 32	Changeable Wea.
20	B	Midlent Sun.	sets.	6 1	0 54	Equal day and n.
21	M	Benedict	7 A 53	19 40	3 N 39	ther for some days
22	T		9 5	2 59	7 57	☐ ♀ ♀
23	W	Cl. fast 6 46	10 13	15 57	11 45	
24	T	Day br. 3 53	11 20	28 35	14 54	
25	F	Lady-day	Morn.	10 55	17 19	Fr. Edward born
26	S	Twilig. 2 0	0 22	23 0	18 55	
27	B	Passion Sun.	1 17	4 55	19 39	Δ ♀ ♀
28	M		2 7	16 46	19 32	Fair and pleasant
29	T	Sun rise 5 42	2 53	28 36	18 32	
30	W	Sun set 6 20	3 29	10 31	16 43	
31	T	Cl. fast 4 17	4 1	22 36	14 7	

Wing.	Days	Saturn.		Jupiter.		Mars.		Venus.	
		\approx	Declin.	\mathbb{M}	Declin.	\approx	Declin.	\approx	Declin.
Mar. 1757	1	15	52	16 S 56	18 42	16 S 13	22 45	14 S 59	15 35
	6	16	25	16 46	18 R 42	16 13	26 40	13 42	21 46
	11	16	57	16 37	18 37	16 11	\propto 36	12 20	27 56
	16	17	28	16 28	18 29	16 8	4 32	10 55	4 \times 7
	21	17	59	16 19	18 14	16 3	8 27	9 28	10 17
	26	18	27	16 11	17 56	15 57	12 22	7 59	16 27
									6 39

M	Sun's Place.	Sun's Declin.	Observations.
1	11 \propto 9	7 S 24	\mathbb{D} in Apog. and farthest from the Earth.
2	12 10	7 1	Regulus South at 11 at night.
3	13 10	6 38	Saturn rises 43 min. past 5 in the morn.
4	14 10	6 15	Mars rises at 6 o'Clock in the morning.
5	15 10	5 51	
B 16	10 5	28	<i>The passing Years, how fast they fly!</i>
7	17 9	5 5	<i>Nor can the strictest Piety</i>
8	18 9	4 41	<i>Defer incroaching Age,</i>
9	19 9	4 18	<i>Or Death's resistless Rage;</i>
10	20 9	3 55	<i>If you each Day</i>
11	21 9	3 31	<i>An Hecatomb of Bulls should slay,</i>
12	22 9	3 7	<i>The smoaking Host could not subdue</i>
B 23	8 2	44	<i>That Tyrant to be kind to you.</i>
14	24 8	2 20	
15	25 8	1 56	\mathbb{D} in Perig. and nearest to the Earth.
16	26 7	1 33	Saturn rises at 5 in the morning.
17	27 7	1 9	Mercury rises 13 min. past 5 in the morn.
18	28 6	0 45	Mars rises half an hour after 5 in the morn.
19	29 6	0 22	
B ∇	5 0	N 2	Sun enters ∇ 44 min. past 9 in the morn.
21	1 5	0 26	Mercury's greatest Matutine Elongation
22	2 4	0 49	from the \odot 27° 45', ri. 40 m. before him.
23	3 4	1 13	Day 12 hours 12 minutes long.
24	4 3	1 37	Virgin's Spike South at 1 in the morn.
25	5 2	2 0	
26	6 1	2 24	Mercury rises 10 min. past 5 in the morn.
B 7	1 2	47	Day increased 4 hours 54 minutes.
28	8 0	3 11	\mathbb{D} in Apog. and farthest from the Earth.
29	8 59	3 34	Deneb South 2 min. after 11 at night.
30	9 58	3 57	Regulus South 17 min. past 9 at night.
31	10 57	4 21	

April 1757.

Full Moon the 4th day, at 2 in the aftern.

Last Quarter the 11th day, at noon.

New Moon the 18th day, at 1 in the aftern.

First Quarter the 26th day, at noon.

Days	Jupiter rises.	Venus sets.
1	9A 36	5M 11
6	9 16	5 3
11	8 54	4 55
16	8 32	4 47
21	8 11	4 39
26	7 48	4 30

M	W	Holy Days.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
D	D	☉ rises & sets.				
1	F	Day br. 3 33	4M 29	4♌ 54	10N 51	△ 4 ♀ ♂ ♂ ♀
2	S	Cl. fast 3 41	4 56	17 30	7 2	△ 4 ♂
3	B	Palm Sunday	5 20	0♌ 25	2 47	At the Beginning
4	M	Ambrose	D rises.	13 39	1 S 40	expect Wind and
5	T	Old Lady-d.	7A 46	27 11	6 9	some Showers.
6	W		9 1	10♌ 59	10 24	
7	T	Maund. Th.	10 18	24 59	14 9	
8	F	Good Friday	11 31	9♌ 7	17 6	
9	S	Twilig. 2 10	Morn.	23 16	19 3	* ☉ ♀
10	B	Easter Day	0 38	7♌ 28	19 48	
11	M	Monday	1 37	21 36	19 20	
12	T	Tuesday	2 27	5♌ 42	17 38	Fair and pleasant
13	W		3 8	19 43	14 52	but somewhat
14	T	Sun rise 5 11	3 43	3♌ 40	11 16	windy.
15	F	Sun set 6 51	4 13	17 31	7 4	
16	S	Day br. 2 54	4 40	1V 15	2 33	
17	B	Low Sunday	5 4	14 47	2N 3	
18	M	Cl. flow 0 43	D sets.	28 7	6 28	♂ ♀ ♀
19	T	Alphege	8A 4	11♌ 11	10 30	Now some fruitful
20	W		9 12	24 0	13 57	Showers with
21	T	Sun rise 4 58	10 16	6♌ 32	16 43	* ♀ ♀
22	F	Sun set 7 4	11 15	18 48	18 39	warm Gleams.
23	S	St. George	Morn.	0♌ 52	19 43	
24	B	2d. aft. Easter	0 9	12 47	19 54	
25	M	St. Mark	0 55	24 36	19 11	The Weather
26	T	D. Cum. bor.	1 34	6♌ 26	17 40	changeable for
27	W	Term begins	2 8	18 21	15 17	some Days.
28	T		2 37	0♌ 27	12 16	
29	F	Sun rise 4 44	3 4	12 48	8 39	
30	S	Sun set 7 18	3 29	25 30	4 32	

Wing.	Days	Saturn.		Jupiter.		Mars.		Venus.		
		$\overline{\text{AW}}$ $\overline{\text{NW}}$	Declin.	M	R Declin.	H	Declin.	H	Declin.	
April 1757.	1	18	59 16 S	2	17 30 15 S	50	17 4 6 S	9	23 51 3 S	48
	6	19	25 15 54	17 5 15	43 20 58	4	36 0 V	1	1 22	
	11	19	49 15 48	16 35 15	34 24 51	3	4 6 11		1 N	6
	16	20	10 15 42	16 1 15	23 28 44	1	30 12 21		3 52	
	21	20	30 15 36	15 25 15	12 2 V 36	0 N	2 18 31		5 58	
	26	20	48 15 31	14 48 15	2 6 27	1 35 24	40 8		19	

M D	Sun's Place.	Sun's Declin.	Observations.
1	11	56	4 N 44
2	12	55	5 7
3	13	54	5 30
4	14	53	5 53
5	15	52	6 15
6	16	51	6 38
7	17	50	7 1
8	18	49	7 23
9	19	48	7 45
10	20	46	8 7
11	21	45	8 30
12	22	44	8 51
13	23	43	9 13
14	24	41	9 35
15	25	40	9 56
16	26	38	10 18
17	27	37	10 39
18	28	35	11 0
19	29	34	11 20
20	30	32	11 41
21	1	31	12 1
22	2	29	12 21
23	3	27	12 41
24	4	26	13 1
25	5	24	13 21
26	6	22	13 40
27	7	20	13 59
28	8	19	14 18
29	9	17	14 37
30	10	15	14 55
			Cambridge Term ends.
			Winter's dissolv'd, behold a world's new face, How grafs the ground, how leaves the branches grace. The earth that to the plow-share would not yield, Is softer now, and easy to be till'd ; And frozen streams thaw'd by th' approaching sun, With whiff'ring murmurs in their channels run.
			Day 13 hours 22 minutes long.
			☿ in Perig. and nearest to the earth.
			Saturn rises 26 min. past 3 in the morn.
			Mars rises 40 m. after 4 in the morn.
			Day increased 6 hours 4 minutes.
			Arcturus South 25 min. past midnight.
			Virgin's Spike South 28 m. after 11 at night
			Day 13 hours 54 minutes long.
			Sun enters ♍ 48 m. past 10 at night.
			Cambridge Term begins.
			Saturn rises 55 min. after 2 in the morn.
			Mars rises 20 min. past 4 in the morn.
			Vindemiatrix South 43 m. past 10 at night
			☿ in Apog. and farthest from the earth.
			Day increased 6 hours 48 min.
			Arcturus South 43 m. after 11 at night.
			Virgin's Spike South 47 m. after 10 at n.
			Day 14 hours 32 minutes long.

May 1757.

Full Moon the 4th day, at 1 in the morn.

Last Quarter the 10th day, at 6 in the after.

New Moon the 18th day, at 2 in the morn.

First Quarter the 26th day, at 5 in the morn.

Days	Jupiter rises.	Venus rises.
1	7 A 26	4 M 22
6	fets	4 14
11	4 M 20	4 7
16	4 0	4 3
21	3 38	3 55
26	3 16	3 50

M D	W D	Holy Days.	☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	B	3 S. aft. Easter		3 M 51	8 35	0 N 6	St Ph. & J. 26 ☉ ♀
2	M			4 16	22 4	7 S 29	8 4 ♀
3	T	Invent. Cross		4 42	5 M 57	8 56	Windy but not
4	W	Twilig. 2 42	☾ rises.	20 10	13 1		8 ☉ ♀
5	T	Cl. flow 3 35		9 A 23	4 37	16 23	much Wet.
6	F	St. Jn. A. P. L.		10 33	19 11	18 47	
7	S	Day br. 1 44		11 38	3 W 45	19 57	
8	B	4 S. aft. Easter		Morn.	18 13	19 47	
9	M			0 33	2 32	18 22	Fair and pleasant
10	T	Sun rise 4 24		1 17	16 38	15 47	
11	W	Sun set 7 37		1 52	0 33	12 21	8 4 ♀
12	T	Old May-da.		2 22	14 16	8 17	☐ ☉ ♀
13	F	Cl. flow 4 1		2 49	17 47	3 52	
14	S	Twilig. 3 10		3 13	11 8	0 N 42	
15	B	Rogat. Sund.		3 37	24 18	5 9	Wind and Rain
16	M			4 0	7 15	9 18	now about.
17	T	Sun rise 4 15		4 26	20 12	59	
18	W	Sun set 7 47	☾ sets.	2 33	16 0		
19	T	Holy Thurs.		9 A 8	14 53	18 13	Dunstan.
20	F	Cl. flow 3 55		10 32	2 19	38	
21	S	All Twilight		10 53	9 0	20 7	
22	B	5 S. aft. Easter		11 36	20 5	19 44	☐ ♀
23	M	Term ends		Morn.	2 40	18 26	
24	T	Pr. Er. W. b.		0 11	14 28	16 21	Fair and Hot and
25	W	Sun rise 4 4		0 42	26 23	13 34	very pleasant
26	T	St. Au. I ABC		1 9	8 27	10 11	Weather.
27	F	Ven. Bede.		1 33	20 48	6 17	
28	S	Sun set 7 59		1 55	3 30	2 0	
29	B	Whit. Sunday		2 18	16 37	2 S 29	K. Charles II Re.
30	M	Monday		2 41	0 12	7 2	
31	T	Tuesday		3 8	14 14	11 20	

Wing	Saturn	Jupiter	Mars	Venus
Day	Decl	R Dec.	Decl	Decl
1	21 4 15	27 14 11	14 52 10	17 3 N 8 0 49 10 N 32
6	21 18 15	24 13 33	14 41 14	6 4 43 6 58 12 49
11	21 29 15	21 12 55	14 31 17	54 6 9 13 7 14 53
16	21 37 15	20 12 18	14 20 21	41 7 36 19 25 16 48
21	21 44 15	18 11 43	14 10 25	27 9 2 15 24 18 32
26	21 47 15	18 11 10	14 0 29	12 10 24 11 33 20 6

Sun's Place.	Sun's Declin.	Observations.
1 11 54	15 N 13	
2 12 1	15 31	Saturn rises 19 m. past 2 in the morning.
3 13 9	15 49	Mars rises 25 m. after 3 in the morning.
4 4 7	16 6	Arcturus south 17 m. past 1 at night.
5 15 5	16 23	Day 14 hours 52 minutes long.
6 16 3	16 40	
7 17 1	16 57	☿ in Perig. and nearest to the Earth.
8 59 17	17 12	Scorpion's Heart south 14 m. past 1 in the morn.
9 5 17	29 45	Saturn rises 46 m. after 1 in the morning.
10 53 18	0 6	Mars rises 19 m. past 3 in the morning.
11 50 18	16 16	Day increased 7 h 44 m.
12 48 18	30 30	Lyra south 9 m. after 3 in the morning.
13 46 18	45 45	
14 44 8	59 59	Arcturus south 34 m. past 10 at night.
15 41 19	13 13	Day 15 h 28 m. long.
16 39 19	27 27	Saturn rises 19 m. past 1 in the morning.
17 37 19	40 40	Mars rises at 3 in the morning.
18 34 19	53 53	
19 32 20	5 The Sun enters ♏ 44 m. after 11 at night.	
20 30 20	18 18	☿ in Apog. and farthest from the Earth.
21 27 20	29 29	Day increased 8 h. 10 m.
22 25 20	41 41	
23 22 20	52 52	Arcturus south 58 m. past 9 at night.
24 20 21	3 3	Scorpion's Heart south 53 m. before 1 in the morning. Cambridge Term ends.
25 17 21	13 13	
26 15 21	23 23	
27 12 21	33 33	Saturn rises 25 m. before 1 in the morning
28 10 21	43 43	Mars rises half an hour past 2 in the morn
29 7 21	52 52	Lyra south at 2 in the morning.
30 5 22	0 0	

Full Moon the 2d day, at 10 in the morn.
 Last Quarter the 9th day, at 1 in the morn.
 New Moon the 16th day, at 4 in the afternoon.
 First Quarter the 24th day, at 8 in the even.

N	E	Holy-Days,	Moon	Moon	Moon's	Affects and	
U	C	☉ rises & sets	sets	Place	Declin.	Weather	
1	W	Ember Week	3M 38	28m 41	15 S	7 1/2	Comede.
2	Th	Cl. flow 2 h.	D rises	13 1/2	27 13	1	
3	F	34 m.	9 A 24	28 24	19	46	Frequent shower
4	S	Pr. Wales bo	10 24	13 1/2	21 20	9	at the beginning
5	B	Trinity Sund	11 14	28 12	19	7	Boniface.
6	M		11 54	2 48	16	49	
7	T	Sun rise 3 53	Morn.	27 7	13	30	
8	W	Sun set 8 8	0 26	11 X	6 9	29	Δ 2 8
9	Th	Corp. Christi.	0 53	24 47	5	5	δ 0 8. 8 8 4
10	F	Term begins	1 16	8 10	0	30	* δ 8 P. S. A.
11	S	St. Barnab. s.	1 40	21 17	4 N	0	
12	B	2 S. aft. Trin	2 3	4 8	10 8	14	Δ 0 h
13	M		2 27	16 49	12	1	
14	T	Sun rise 3 49	2 54	29 17	15	13	Rain and wind
15	W	Sun set 8 11	3 23	11 34	17	43	for several days
16	Th		D sets	23 41	19	22	
17	F	St. Alban.	8 A 45	5 40	20	9	
18	S	Cl. fast 29 m.	9 30	17 32	20	2	
19	B	2 S. aft. Trin	10 8	29 20	19	2	
20	M	Edward.	10 40	11 7	17	12	
21	T	Longest Day	11 8	22 55	14	38	Hot and sultry,
22	W	K. Geo. II. An.	11 32	4 25	11	27	Δ 2 8
23	Th	Cl. fast 1 h 33	11 54	16 55	7	4	with frequent
24	F	St. John Bapt	Morn.	29 14	3	40	δ 8 8
25	S		0 16	11 54	0 S	42	□ h δ. Δ 2 8
26	B	2 S. aft. Trin	0 40	24 58	5	9	K. Geo. II. Pro
27	M	Sun rise 3 48	1 2	8m 29	9	29	δ 0 8 shower
28	F	Sun set 8 11	1 30	22 29	13	31	
29	W	Term ends	2 2	6 57	16	50	St. Peter and Pa
30	Th		2 43	21 48	19	9	Δ 0 8

Wing.	Saturn	Jupiter	Mars	Venus
Wing.	R Decl.	m R Decl.	8 Decl.	II Decl.
1	21 49 15 51 9 10	33 13 50 3 39 11 N 59 8	55 21 N 37	
2	21 47 15 20 10	6 13 42 7 20 13	16 15 4 22	38
3	21 45 15 22 9	43 13 36 11 0 14	28 21 12 23	22
4	21 38 15 25 9	23 13 31 14 39 15	38 27 20 23	50
5	21 31 15 27 9	8 13 27 18 16 16	43 32 29 24	0
6	21 19 15 32 8	57 13 24 21 51 17	44 9 37 23	53

N	Sun's Place.	Sun's Declin.	Observations.
1	II 2	22 N 8	Mercury's greatest Vespertine Elongation
2	11 59	22 16	from the sun 23° 36', sets 2 h. 4 m. after
3	12 57	22 24	him.
4	13 54	22 31	♂ in Perig. and nearest to the Earth.
5	14 52	22 37	Day 16 hours 12 minutes long.
6	15 49	22 44	
7	16 46	22 49	Mercury sets 56 m. after 9 at night.
8	17 44	22 55	Cambridge-Term begins.
9	18 41	23 0	
10	19 38	23 5	<i>Our Passions gone, and Reason on her Throne,</i>
11	20 35	23 9	<i>Amaz'd we see the Mischiefs we have done:</i>
12	21 33	23 13	<i>After a Tempest, when the Winds are laid,</i>
13	22 30	23 16	<i>The calm Sea wonders at the Wrecks it made.</i>
14	23 27	23 19	
15	24 24	23 22	Saturn rises 16 m. after 11 at night.
16	25 22	23 24	Mars rises 43 m. after 1 in the morning.
17	26 19	23 26	Scorpion's Heart sou. 28 m. past 10 at night.
18	27 16	23 27	♂ in Apog. farthest from the Earth.
19	28 13	23 28	
20	29 11	23 29	Day increased 8 h. 52 m.
21	30 8	23 29	Sun enters 44 m. past 8 in the morning.
22	1 5	23 29	Atair south 36 m. past 1 in the morning.
23	2 2	23 28	Lyra south 38 m. before 1 in the morning.
24	3 59	23 27	
25	4 57	23 25	Saturn rises 35 m. after 10 at night.
26	5 54	23 24	Mars rises 18 m. after 1 in the morning.
27	6 51	23 21	Day decreased 2 minutes.
28	7 48	23 18	Scorpion's Heart sou. 42 m. past 9 at night.
29	8 45	23 15	Lyra south 53 m. after 11 at night.
30	9 42	23 12	

Full Moon the 11th day, at 5 in the atern.

Last Quarter the 8th day, at 9 in the morn

New Moon the 16th day, at 7 in the morn

First Quarter the 24th day, at 7 in the morn

Full Moon the 30th day, at midnight.

M43	8A	44
61	23	8
11	2	8
16	37	8
27	17	8
26	58	8

☾	☼	Holy-Days, ☉ rises & sets.	Moon sets	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F		3M34	6 ^h 54	20 S 11	
2	S	Nisit. V. M.	☉ rises	22	19 47	
3	B	S. aft. Trin.	9A44	7 ^h 44	17 56	Hot sultry wea-
4	M	Tr. S. Martin.	10 20	22	14 53	ther and perhaps
5	T	Dies Comit.	10 50	6 ^h 4	10 58	Old Midium-day
6	W		11 16	20 56	6 30	some thunder
7	Th	Tho. & Becket.	11 41	4 ^h 43	5 51	showers.
8	F	Cl. fast 4 26	Morn.	18	2 N40	
9	S		0 4	18 10	7 8	
10	B	S. aft. Trin.	0 27	13 5	11 4	Fair and hot,
11	M		0 53	26 2	14 26	but somewhat
12	T	Sun rise 3 58	1 21	8 ^h 40	17 6	windy.
13	W	Sun set 8 1.	1 55	20 45	18 59	
14	Th	Cl. fast 5 16	2 33	26 42	20 11	
15	F	Swithin.	3 21	14 34	20 8	Frequent
16	S		☉ sets	26 2	19 24	showers about
17	B	S. aft. Trin.	8A39	8 ^h 5	17 48	this time.
18	M	Sun rise 4 4.	9 7	19 55	15 26	
19	T	Sun set 7 55.	9 33	12 47	12 25	
20	W	Bargaret.	9 57	13 4	8 51	
21	Th		10 19	25 55	4 51	Δ 24 8
22	F	C. Mat. b.	10 41	8 ^h 18	0 40	St. Mary Mag
23	S	Twilight 3 32.	11 22	20 58	3 S 41	
24	B	S. aft. Trin.	11 27	3 ^h 59	7 59	Dry and windy
25	M	St. James.	11 56	17 22	2 1	towards the end
26	T	St. Anne.	Morn.	1 1	3 32	
27	W	Sun rise 4 16.	0 31	15 32	18 14	
28	Th	Sun set 7 42.	1 16	0 ^h 13	19 52	8 8
29	F		2 11	15 13	10 38	
30	S	Dog-days be.	☉ rises	0 ^h 24	18 45	☉ eclipsed visible.
31	B	S. aft. Trin.	8A13	15 36	16 22	8 11 8

Wing	♄	Saturn	♃	Jupiter	♂	Mars	♀	Venus
	h	R Decl	m	R Decl	h	Decl.	h	Decl.
July 1757	12	1 15 S 36	8	51 13 S 23	25	24 18 N 39	15	46 13 N 2
	6	20 52 15 41	8	50 13 24 28	55	19 31 21	55	22 4
	11	20 35 15 47	8	D 53 13 27	2	25 20 18 28	4	21 45
	16	20 6 15 54	9	10 13 19	5	54 21 2	48	13 20 26
	21	19 58 16	1	9 11 13 35	9	27 21 58 10	22	18 9
	26	19 37 16	9	9 27 13 41	12	46 23 10 16	31	17 12

Z	Jan's	Sun's	Observations.
U	Place.	Declin.	
1	9 40	43 N	8
2	10 3	23	4 D in Perig. nearest to the Earth.
3	11 34	22	59 Day 16 hours 18 minutes long.
4	12 31	22	54 Atair south 13 m. before 1 in the morning.
5	13 28	22	48
6	14 2	22	42 Saturn rises 49 m. after 9 at night.
7	15 23	22	36 Mars rises 7 m. before 1 in the morning.
8	16 20	22	29 Cambridge-Term ends.
9	17 17	22	22 Day decreased 15 m.
10	18 14	22	14
11	19 12	22	6 Mercury rises 57 m. past 2 in the morning.
12	20 9	21	5° Lyra south at 11 at night.
13	21 6	21	49 Saturn rises 19 m. past 9 at night.
14	22 3	21	40 Mars rises 23 m. before 1 in the morning.
15	23 0	21	31
16	23 58	21	21 D in Apog. farthest from the Earth.
17	24 5	21	11 Atair south 49 m. after 11 at night.
18	25 52	21	1
19	26 49	20	50 Mercury's greatest Matutine Elongation
20	27 47	20	39 from the sun, 19° 58', rises 1 h 26 m
21	28 44	20	27 before him.
22	29 41	20	15 Sun enters Ω 43 m. past 7 in the evening.
23	30 39	20	3
24	31 36	19	50 (noon)
25	2 33	19	38 Saturn rises half an hour past 8 in the after.
26	3 31	19	24 Mars rises 46 m. before 1 in the morning.
27	4 28	19	11 Day decreased 58 min.
28	5 25	18	57 Lyra south 56 m. past 9 at night.
29	6 23	18	4 Femalhaut south 10 m. after 2 in the morn.
30	7 20	18	28 D in Perig. nearest to the Earth.
31	8 18	18	15

August 1757.					Jupiter	Venus
					Set.	Set.
Last Quarter the 6th day, at 7 in the aftern.					10 A 35	8 A 25
New Moon the 14th day, at 10 at night.					10 17	8 16
First Quarter the 22d day, at 4 in the aftern.					10 0	8 0
Full Moon the 29th day, at 7 in the morn.					16 9 42	8 0
					21 9 24	7 54
					26 9 7	7 44
☾	Holy-Days, Festivals & Fairs.	Moon rises.	Moon's Place.	Moon's Declin	Aspects and Weather.	
1 M	Lammas-day.	8 A 4	0 X 41	12 S 44		
2 T		9 10	15 28	8 20	☐ ☉ ♄	
3 W	Sun rise 4 27	9 4	29 52	3 34	Hot weather and	
4 Th	Sun set 7 32	10 6	13 50	1 N 14	△ ♄ ♀	
5 F	Day br. 1 40	10 30	27 21	5 48	some showers.	
6 S	Transfig.	10 5	10 8 27	9 59		
7 B	S. aft. Trin	11 22	23 11 13	3 4		
8 M	Cl. fast 5 9	11 56	5 II 36	16 28	☐ ♄ ♀	
9 T		Morn.	17 46 18	34		
10 W	Laurence.	0 3	29 45 19	50	Cooling breezes	
11 Th	Prs. Augusta b.	1 15	11 37 20	11 8	☉ ☉ ♄ and not	
12 F	O Lammas-d	2 5	23 24 19	40 8	♄ ♄ ♀ much	
13 S	Twilight 2 34	3 0	5 11 18	17 6	☉ ☉ ♄ wet.	
14 B	S. aft. Trin	D sets	17 0 16	15	☉ Eclipsed unwill	
15 M	Assump. B. V. M.	7 A 40	28 53 13	12 *	* ♄ ♀	
16 T		8 4	10 53 9	45		
17 W	Sun rise 4 50.	8 26	23 2 5	51	Tolerable good	
18 Th	Sun set 7 8.	8 48	5 21 1	40	harvest weather	
19 F	Cl. fast 3 12	9 10	17 53 2	38	For several days.	
20 S		9 33	0 141 6	55		
21 B	S. aft. Trin	10 1	13 45 10	59		
22 M	Day br. 2 38.	10 33	27 8 14	36		
23 T	Twilight 2 20.	11 12	10 4 50 17	30		
24 W	S. Bartholom.	Morn.	24 53 19	27	* ☉ ♄. * ♄ ♀	
25 Th		0 1	9 17 20	12		
26 F	Sun rise 5 7.	1 2	23 59 19	38		
27 S	Sun set 6 51.	2 13	8 54 17	41	Rain and wind	
28 B	S. aft. Trin.	3 28	23 5 14	29	St. August. B. H.	
29 M	Decol. J. B.	D rises	8 X 5 10	21	at the end.	
30 T	Clocks go with	7 A 47	23 4 5	38		
31 W	the Sun.	8 13	8 4 0	S 42		

Wing	Saturn	Jupiter	Mars	Venus
Decl.	m	Dec.	Decl.	Decl.
1 10 10 16 S 18 9 52 13 S 51 16 47 22 N 43 23 54 14 N 59				
6 18 47 16 25 10 18 14 0 20 6 23 4 6 3 15 57				
11 18 25 16 32 10 46 14 21 23 24 43 21 6 12 10 35				
16 18 3 16 48 11 18 14 22 26 40 23 32 12 21 8 12				
21 17 40 16 47 11 54 14 24 29 53 23 40 18 50 6 44				
26 17 19 16 53 12 33 14 47 30 3 23 42 124 38 3 13				

Sun's	Sun's
Place.	Declin.

Observations.

1 9 N 15 17 N 56	
2 10 13 17 43	Saturn rises at 8 at night.
3 11 10 17 27	Mars rises at midnight.
4 12 8 17 11	
5 13 1 16 55	
6 14 3 16 39	Like Leaves on Trees the Race of Man is found,
7 15 5 15 22	Now green in Youth, now with'ring on the Ground,
8 15 5 6 5	Another Race the following Spring supplies,
9 16 5 15 47	They fall successive, and successive rise:
10 17 53 15 30	So Generations in their Course decay,
11 18 51 15 12	So flourish these, when these are past away. Petr.
12 19 48 14 54	Day decreased 1 h. 48 m.
13 20 46 14 36	D in Apog. farthest from the Earth.
14 21 41 14 17	Atair south at 10 at night.
15 22 41 13 59	Fomalhaut south 5 m. past 1 in the morning.
16 23 39 13 40	
17 24 37 13 20	Day 14 hours 20 min. long.
18 25 35 13 1	Mars rises 42 m. after 11 at night.
19 26 33 12 41	Markab south near 1 in the morning.
20 27 30 12 22	Day decreased 2 h. 18 m.
21 28 28 12 2	Atair south 35 m. after 9 at night.
22 29 26 11 41	
23 30 24 11 21	Sun enters 2 m. past 2 in the morning.
24 1 22 11 1	Saturn sets 44 m. after 3 in the morning.
25 2 20 10 40	Mars rises 33 m. past 11 at night.
26 3 18 10 19	
27 4 16 9 58	D in Perig. nearest to the Earth.
28 5 14 9 37	Fomalhaut south 42 m. before 1 in the morn.
29 6 12 9 15	Atair south 6 m. past 9 at night.
30 7 10 8 54	Day 13 hours 32 min. long.
31 8 8 32	

September 1757

Jupiter Venus
sets. sets.

1	East Quarter the 5th day, at 9 in the morn.	1	8A 46	7A 3
2	New Moon the 7th day, at 2 in the aftern.	6	8 30	7 2
3		8	8 13	7 1
4	First Quarter the 22th day, at midnight.	16	7 58	7
5	Full Moon the 29th day, at 5 in the aftern.	21	7 42	6 5
6		26	7 35	6 4

Days	Moon	Moon's	Moon's	Aspects and
Rises & sets.	rises.	Place.	Declin.	Weather.

1	S. Sites.	8A 37	22V 13	4N 9	
2	F	9 3	58 50	8 30	London b. 1665 O.
3	S. Day br. 3 15.	9 30	19	1 12	31 Fair and pleasant
4	B 13S. aft. Trin.	10 2	11 48	15 45	for some days.
5	M Sun rise 5 26	10 37	14	13 18	
6	T Sun set 6 32.	11 19	26	22 19	38 * O 4
7	W Dog-days end	Morn.	8 19	20 1	
8	T Nat. B. V. M	0 8	20	9 19	50
9	F	1 0	1 56	18 4	0 8 2
10	S Cl. flow 2 15	1 50	13	45 16	48
11	B 14S. aft. Trin.	3 0	25	39 14	4
12	M Twilight, 2. S.	4 5	7 11	40 10	43 The weather very
13	T	D sets	19	53 6	52 Δ h 8 change
14	W H. Cross-day.	7A 2	2 17	2 41	0 8 8 able
15	H Sun rise 5 45.	7 24	14	53 18	40 Δ h 8 about
16	F Sun set 6 13.	7 47	27	44 6	1 Δ 4 8 this
17	S Lambert.	8 13	10 47	10 11	0 h 4 time.
18	B 15S. aft. Trin.	8 43	24	3 13	56
19	M	9 19	7 32	17 0	
20	T Day br. 3 54.	10 32	21	14 19	11
21	W Ember Week.	10 58	5 18	9 20	16 St. Matthew.
22	T Equal D. & N.	Morn.	19	18 20	5
23	F Sun rise 6 1.	0 3	3 38	18 38	Rain may be
24	S Sun set 5 52.	1 17	18	9 15	54 expected about
25	B 16S. aft. Trin.	2 36	2 46	12 11	the entrance of
26	M S. Cyzian.	3 57	17	24 7	41 Venus into
27	T Cl. flow 9 7.	D rises	1 56	2 48	Scorpio.
28	W	6A 45	16	15 2	N 11
29	T St. Michael.	7 11	0 8	15 6	55
30	F St. Jerome.	7 38	13	52 11	11

Wing.	Saturn	Jupiter	Mars	Venus
	R. Deci	m. Decl	m. Decl	Dec
Sept.	16 55 17 S	13 24 25 S	3 46 23 N	39 2 0 N
1757	6 16 35 17	7 14 9 5	18 9 50 23	34 8 8 2 S
	11 16 17 17	12 14 58 15	33 12 56 23	22 13 16 5
	16 16 1 17	17 15 49 15	49 15 55 23	9 20 23 7
	21 15 46 17	21 16 42 16	4 18 51 22	51 26 31 10
	26 15 55 17	25 17 37 16	21 21 43 22	32 21 37 12

Sun's Place.	Sun's Declin.	Observations.
1 9m 7	8N 1	
2 10 5	7 48	Saturn sets 8 m. after 3 in the morning.
3 11 3	7 26	Mars rises 25 m. past 11 at night.
4 12 5	7 24	Day decreased 3 h. 14 m.
5 2 59	6 42	Fomalhaut south 45 m. after 11 at night.
6 13 58	6 19	
7 14 56	5 57	Markab south 46 m. after 11 at night.
8 5 55	5 34	Atair south half an hour past 8 at night.
9 6 53	5 11	
10 17 51	4 49	D in Apog farthest from the Earth.
11 18 50	4 26	Day 12 hours 44 min. long.
12 19 48	4 3	Saturn sets 2 ^d m. after 2 in the morning.
13 20 47	3 40	Mars rises 17 m. past 11 at night.
14 21 45	3 16	
15 22 44	2 53	Day decreased 3 h. 56 m.
16 23 43	2 30	Fomalhaut south 5 m. after 11 at night.
17 24 41	2 7	Day decreased 4 h. 4 m.
18 25 40	1 43	Markab south 6 m. past 11 at night.
19 26 39	1 20	
20 27 38	0 57	Saturn sets 57 m. after 1 in the morning.
21 28 36	0 33	Mercury sets 37 m. after 6 at night.
22 29 35	0 10	Sun enters ♌ 15 m. past 10 at night.
23 30 34	0 S 14	
24 1 33	0 37	D in Perig. nearest to the Earth.
25 2 32	1 1	Day 11 hours 50 min. long.
26 3 31	1 24	
27 4 30	1 47	Mercury's greatest Vesp. Elong from the Sun.
28 5 29	2 11	25° 40', sets 28 m. after him.
29 6 28	2 34	Mars rises 8 m. past 11 at night.
30 7 27	2 58	

October 1757

Jupiter sets. Venus sets.

Last Quarter the 5th day, at 3 in the morn.
 New Moon the 13th day, at 5 in the morn.
 First Quarter the 20th day, at 7 in the morn.
 Full Moon the 27th day, at 4 in the morn.

7	A	9	6	A
6	6	53	6	30
11	6	38	6	20
16	6	21	6	20
21	6	5	6	20
26	5	49	6	17

M.D.	Holy Days, rises & sets.	Moon rises	Moon's Place.	Moon's Declin.	Air & Weather.
1	S Remigius.	8 A 8	27 8	4 14 N	47
2	17 S. aft. Trin.	8 42	9 II	52 17	3 Fair and pleasant
3	M	9 22	22 19	19 25	about the
4	T Sun rise 6 23	10 8	4 28	20 20	beginning.
5	W Sun set 5 35.	10 55	16 25	20 20	
6	L Faith. V. M.	11 57	28 15	19 26	□ h 2
7	F Day br. 4 31.	Morn.	10 2	17 39	
8	S Cl. flo. 12 27	0 57	21 53	15 7	Δ O h
9	B 18 S. aft. Trin.	2 1	3 m	52 11	56 St. Dennis.
10	M O. Mich. day.	3 6	16 2	8 11	Brisk winds and
11	T	4 15	28 27	4 1	6 24 2
12	W Twilight 1. 57.	5 24	11 7	0 S	23 frequent showers
13	L Tr. K. Edw. Conf.	D sets	24 5	4 52	
14	F Sun rise 6 42.	6 A 24	7 m	18 9	14
15	S Sun set 5 16.	6 51	20 44	13 14	
16	B 19 S. aft. Trin.	7 26	4 23	16 33	
17	M Etheld. Virg	8 9	13 10	19 0	Mild, the season
18	T St. Luke.	9 0	2 23	20 22	□ 8 8 con-
19	W	10 0	16 1	20 29	sidered.
20	L Day br. 4 57.	11 10	0 m	4 19	19
21	F Ursula.	Morn.	14 10	15 58	
22	S K. Geo. II. cr.	0 26	28 21	13 33	
23	B 20 S. aft. Trin.	1 45	12 33	9 22	
24	M Cl. flo. 15 43	3 6	26 44	4 40	Δ 3 2
25	T Crispin.	4 23	10 51	0 N	16
26	W	5 38	24 47	5 7	High winds and
27	L Sun rise 7 8.	D rises	8 8	30 9	38 plenty of down-
28	F S. S m. & Jude.	6 A 10	21 55	13 37	fal.
29	S Sun set 4 49.	6 42	4 59	16 45	
30	B 21 S. aft. Trin.	7 20	17 44	19 2	
31	M	8 3	0 5	20 21	* h 2

Wing.	Saturn	Jupiter	Mars	Venus
15	R Decl.	m Decl.	♂ Decl.	m Decl.
1 15	25 17 S 28 18	34 16 S 38 24	31 22 N 7 8	43 14 S 46
6 15	17 17 30 19	33 16 54 27	15 21 43 14	50 16 47
11 15	11 17 32 20	34 17 11 29	55 21 17 20	55 18 44
16 15	9 17 31 21	35 17 29 28	30 20 49 26	59 20 29
21 15	D 8 17 32 22	39 17 45 5	1 20 20 34	3 22 0
26 15	10 17 31 23	41 18 2 7	26 19 52 9	7 23 18

Sun's Place.	Sun's Declin.	Observations.
1 8 26	3 S 21	
9 25	3 44	Mercury sets 9 m. past 6 at night.
10 25	4	8 Saturn sets 8 m. after 1 in the morning.
11 24	4 31	Day decreased 5 h. 12 m.
12 23	4 54	Markab south 5 m. past 10 at night.
13 22	5 17	Pole Star south 52 m. after 11 at night.
14 22	5 40	
15 21	6 3	D in Apog. farthest from the Earth.
16 21	6 26	Mars rises at 11 at night.
17 20	6 40	Cambridge Term begins.
18 20	7 12	
19 19	7 34	Fomalhaut south 31 m. after 9 at night.
20 19	7 57	Saturn sets 30 m. before 1 in the morning.
21 18	8 19	Seven Star's south 15 m. past 2 in the morn.
22 18	8 42	Day 10 hours 32 min. long.
23 17	9 4	
24 17	9 27	Mars rises 53 m. after 10 at night.
25 17	9 48	Pole Star south 8 m. past 11 at night.
26 17	10 10	Aldebaran south 46 m. after 2 in the morn.
27 16	10 31	Day decreased 6 h. 14 m.
28 16	10 53	D in Perig. nearest to the Earth.
29 16	11 14	
30 16	11 35	Sun enters m 51 m. after 5 in the morning.
31 16	11 56	Saturn sets 44 m. past 11 at night.
1 16	12 17	Mars rises 44 m. after 10 at night.
2 16	12 38	Day 9 hours 48 min. long.
3 16	12 58	Fomalhaut south 35 m. past 8 at night.
4 16	13 18	
5 16	13 38	Pole Star south 25 m. after 10 at night.
6 16	13 58	Aldebaran south 4 m. past 2 in the morn.
7 16	14 17	

11	Last Quarter the 3d day, at midnight	1	5A 29	6A
12	New Moon the 11th day, at 6 in the aftern.	6	5 12	6
13	First Quarter the 18th day, at 3 in the aftern.	11	4 55	6
14	Full Moon the 25th day, at 6 in the after.	16	4 38	6
15		21	r sets	6
16		26	7M 27	6

Holy-Days, O riles & sets.	Moon rises	Moon's Place.	Moon's Declin	Aspects and Weather.
1 T All Saints.	8 A 52	12 21 17	20 N 47	favourable wea
2 W Pra. Orange b.	9 47	24 21 14	20 11 50	All Souls. the
3 T Twilight 2 h.	10 47	6 Ω 4	18 34	☉ ☽
4 F	11 50	17 51 16	16 11	for the set. son.
5 S Papist Conf. Morn.	29 43	13 11		
6 S Pra. 3d. Trina	0 54	11 22 13	9 12 40	(☉ ☽)
7 M Term begins.	11 59	23 57 15	4	Pr. Hen.-Fred.
8 T Sun rise 7 29	3 7	6 Δ 30	2 20	
9 W Sun set 4 30	14 17	19 22 13	3 S 1	Dark and cloudy
10 T H. Geo. II. b.	25 29	22 36 7	4 45	or some days.
11 F Martinmas.	16 10	11 15		
12 S Cl. No. 15 35	5 A 26	0 4 2 15	41	
13 B 23 S. aft. Trin	6 53	14 7 18	22	
14 M	6 53	28 21 20	10	
15 T St. Barbara.	7 52	12 19 37	20 47	8 h 8
16 W Day beg. 3 37	9 26	8 52 19	57	sharp pain, incli
17 T Dough. Ep. Linc.	10 14	11 3 17	40	able to frost.
18 F Sun rise 7 45	11 30	25 14 38		
19 S Sun set 4 14.	Morn	9 X 10 10	38	
20 B 24 S. aft. Trin	0 47	23 4 6	18	
21 M	12 45	6 52 11	16	☉ h 8. 6 0 24
22 F O. Mart. day.	13 20	20 33 3 N 32		
23 W St. Clement.	4 34	4 8 3 8	10	
24 T Twilight 2 7	5 47	17 22 12	19	
25 F Pr. W.-He. b.	D rises	0 26 15	47	Catherine, V M
26 S	5 A 10	13 11 18	26	Wet and windy
27 B Advent Sund.	5 50	25 47 20	28	owards the
28 M Term ends.	6 37	8 25 20	31	end.
29 T Cl. No. 17	7 30	20 10 20	30	
30 N St. Andrew.	8 27	2 2 19	25	Prs. Thow. Wile

December

Days Jupiter rises. Ven. sets.

Last Quarter the 3d day, at 9 at night.

New Moon the 11th day, at 6 in the morn.

First Quarter the 17th day, at 11 at night.

Full Moon the 25th day, at 11 forenoon.

7 M 11 6
6 6 55
11 6 40
16 6 24
21 6 7
26 5 50

U.N.	W.D.	Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin	
1	A		9 A 28	13 Ω 53	17 N 27	6 24 8
2	F	Sun rise 8 3	10 30	25 41	14 36	
3	S	Sun set 3 56	11 35	7 m 31	11 35	Dark, cloudy
4	B	2 S. in Advent	Morn.	19 30	7 24	weather about
5	M	Cl. flow 8' 4	0 41	12 44	3 13	this time.
6	T	Nicolas.	1 48	14 16	1 S 13	
7	W		2 57	27 14	5 46	
8	T	Conc. B.V.M.	4 11	10 m 31	10 11	
9	F	Day br. 5 57	5 24	24 17	14 13	* ☉ h
10	S	Cl. flo. 6' 42	6 39	8 26	17 31	
11	B	2 S. in Advent	D sets	22 54	19 51	* h 8. * 24 8
12	M	Twilight 2 12	5 A 27	7 33	20 53	
13	T	Lucey, Virg.	6 35	22 17	20 31	Cold and windy
14	W	Ember Week	7 49	6 m 58	18 45	with fleet or
15	A		9 6	21 31	15 46	Δ 8 8. Δ 0 6
16	F	Sun rise 8 12	10 26	3 35	11 52	6 0 8 new.
17	S	Sun set 3 48	11 43	19 56	7 22	
18	B	2 S. in Advent	Morn.	3 r 47	2 34	
19	M	Cl. flo. 2' 20	0 57	17 23	2 N 16	
20	T	Day br. 6 1	2 11	0 8 45	6 55	
21	W	St. Thomas.	3 22	13 53	11 9	Shortest-Day.
22	A		4 33	26 49	14 49	
23	F	Sun rise 8 13	5 41	9 11	31 42	
24	S	Sun set 3 48	6 45	22 11	19 44	6 h 8
25	B	Christm. Day.	D rises	4 25	18 20	47 Sharp frosty
26	M	St. Stephen.	5 A 7	16 25	20 52	weather towards
27	T	St. John.	6 32	28 23	19 50	the end.
28	W	H. Innocent.	7 11	0 14	18 13	
29	A		8 4	2 15	42	
30	F	Ol. fast 3' 8	9 8	3 m 48	12 31	
31	S	St. Silvester.	10 13	15 38	8 52	

Wing.	Saturn	Jupiter	Mars	Venus
	♄ Decl.	♃ Decl.	♂ Decl.	♀ Decl.
1	16 41 17 S 2	1 49 19 S 51 20	58 16 N 55 22	13 23 S 58
6	17 2 16 36 2	47 20 4 22	9 16 43 28	4 22 51
Dec.	11 17 26 16 47 3	53 20 18 23	3 16 35 3 ^m	53 21 30
1757	16 17 51 16 39 4	58 20 30 23	41 16 32 9	40 19 55
	21 18 19 16 37 6	3 20 43 24	4 16 36 15	23 18 5
	26 18 47 16 22 7	7 20 53 24 R	8 16 46 21	1 16 7

Sun's	Sun's	Observations.
Place.	Declin.	

1	9 1 34 21 S 50	
2	10 35 22	5 Mars rises 26 m. past 9 at night.
3	11 36 22	13 Day decreased 8 h. 34 m.
4	12 37 22	21 Pole Star south 57 m. after 7 at night.
5	13 38 22	29 Seven Stars south 42 m. past 10 at night.
6	14 39 22	36
7	15 40 22	43 Saturn sets 55 m. after 8 at night.
8	16 41 22	49 Fomalhaut sets 32 m. past 8 at night.
9	17 42 23	55 Mars rises 3 m. after 9 at night.
10	18 43 23	0 Day 7 hours 40 min. long.
11	19 44 23	5
12	20 45 23	10 Pole Star south 22 m. past 7 at night.
13	21 46 23	14 Sirius south 12 m. after 1 in the morning.
14	22 48 23	17 ♄ in Perigee near est to the Earth.
15	23 49 23	20
16	24 50 23	23 Cambridge-Term ends.
17	25 51 23	25 Rigel south 20 m. past 1 at night.
18	26 52 23	27 Hydra's Heart so. 32 m. after 3 in the morn
19	27 53 23	28 Pole Star south 51 m. past 6 at night.
20	28 54 23	29
21	29 55 23	29 Sun enters ♋ 48 m. past 1 in the afternoon.
22	30 57 23	29 Saturn sets 57 m. past 7 at night.
23	1 58 23	28 Mars rises 6 m. after 8 at night.
24	2 59 23	27
25	3 0 23	25
26	4 1 23	23 The Year runs round as in a constant Ring,
27	5 3 23	21 And sultry Summer wastes the milder Spring;
28	6 4 23	18 Whose hot Meridian, quickly overpast,
29	7 5 23	14 Declines to Autumn, which with bristling Haste
30	8 6 23	10 Comes crowned with Grapes, but suddenly is crest;
31	9 7 23	7 Cold Winter nips his Vintage with a Frost.

The Longitude of Mercury and Declination for the Year 1757.

Days	Janua.	Febru.	March	April	May	June
1	8 ^h 30 ^m	0 ^h 26 ^m	5 ^h 16 ^m	5 ^h 55 ^m	11 ^h 8 ^m	18 ^h 4 ^m
4	13 20	3 58	7 4	21 16	17 49	7 1
7	18 15	7 3	24 D 36	25 54	24 17	9 9
10	23 13	8 51	25 17	0 ^h 45 ^m	0 ^h 35 ^m	10 2
13	23 16	9 ^h 9 ^m 26	40 5	49 6	37 11	
16	3 ^h 22 ^m	7 56	28 46	11 10	12 16	1 ^h 1 ^m
19	8 33	5 28	1 ^h 24 ^m	16 45	17 29	10 2
22	13 43	2 20	4 22	22 33	22 17	9 9
25	18 51	29 ^h 13 ^m	7 46	28 31	26 3	7 2
28	23 51	26 44	11 33	4 8	53 0 ^h 21 ^m	5 5
	July	August	Sept.	Octob.	Nov.	Dec.
1	3 ^h 59 ^m	25 ^h 55 ^m	24 ^h 50 ^m	3 ^h 48 ^m	22 ^h 18 ^m	1 ^h 1 ^m
4	2 ^h 14 ^m	1 ^h 46 ^m	29 39	5 57	23 42	5 4
7	1 57	7 49	4 ^h 15 ^m	7 24	26 16	10 3
10	1 D 58	13 59	8 43	7 57	29 44	15 1
13	2 46	20 4	13 0	7 ^h 24 ^m	3 40	19 5
16	4 24	26 3	7 5	5 34	8 3	24 30
19	6 51	1 ^h 53 ^m	20 59	2 32	12 3	29 2
22	10 6	7 29	24 40	28 ^h 49 ^m	17 8	4 ^h 1 ^m
25	14 6	12 55	28 4	25 18	21 46	9 5
28	18 48	18 8	1 ^h 8 ^m	22 55	26 2	13 5

The Declination of Mercury to every Fifth Day.

Days	1	6	11	16	21	26
January	23 S 51	24 20	23 13	21 23	18 59	15 58
February	11 S 50	8 31	6 12	5 31	6 48	8 58
March	10 S 16	1 51	12 34	12 23	11 33	9 59
April	7 S 21	4 32	1 15	2 N 20	6 32	10 5
May	15 N 8	19 4	22 13	24 20	25 26	25 3
June	2 ^h N 57	23 54	22 30	21 15	20 1	19 1
July	18 N 40	18 5	19 29	20 27	21 24	22 0
August	21 N 3	20 10	17 41	14 20	10 54	7 2
September	2 N 3	1 S 12	4 4	8 1	11 3	13 3
October	15 S 43	17 4	17 10	15 52	12 40	9 2
November	6 S 5	7 41	9 50	12 30	15 10	17 5
December	20 S 1	22 16	2 4	26 4	25 1	25 4

W I N G.

A PROGNOSTICATION,

For the Year of our
LORD GOD, 1757.

An Explanation of the Characters made use of in
this Almanack.

The Seven Planets and Five Aspects.

♄	Saturn
♃	Jupiter
♂	Mars
☉	The Sun
♀	Venus
☿	Mercury
☾	The Moon
♊	Conjunction
♋	Sextile
♌	Square
♍	Trine
♎	Opposition

Aspects.

The Twelve Signs.

♈	Aries
♉	Taurus
♊	Gemini
♋	Cancer
♌	Leo
♍	Virgo
♎	Libra
♏	Scorpio
♐	Sagittary
♑	Capricorn
♒	Aquarius
♓	Pisces

Lands surveyed, divided and inclosed, and Maps of
the same correctly delineated. Also Timber and Pole
Wood surveyed, valued and sold by *Vincent Wing* of
Pickworth, in the County of *Rutland*.

I. A Compendious Chronology of Memorab
Things since the Creation to this presen
Year.

A.P.J.	before Christ.		Year since
710	4004	The Creation of the World	576
1766	2948	Noah born	470
2366	2348	Noah's Flood began	410
2481	2233	The Babylonian Monarchy established	399
2718	1996	Abraham born	375
2986	1728	Joseph sold into Egypt	348
3143	1571	Moses born	332
3223	1491	The Israelites Departure out of Egypt	324
3530	1184	Troy taken and destroyed by the Greeks	294
3710	1004	Solomon's Temple built and dedicated	276
4126	588	Jerusalem and the Temple destroyed	234
4176	538	Daniel delivered from the Den of Lions	229
4198	516	The Temple of Jerusalem rebuilt	227
4391	323	The Death of Alexander the Great	208
4710	4	The true Year of Christ's Birth	176
4714	0	The vulgar Year of Christ's Birth	175

A.D.		Year
33	The Passion and Resurrection of Jesus Christ	172
70	Jerusalem and the Temple destroyed by Titus	168
100	St. John, the last of the Apostles, dies Dec. 20.	165
313	Christianity triumphs under Constantine	144
476	Augustulus the last Roman Emperor deposed	128
606	The wicked Phocas makes Pope Boniface Head of the Church	115
608	Mahomet broaches his Imposture at Mecca	114
872	Italy and Rome plundered by the Saracens	88
1012	Swain King of Denmark conquers England	74
1066	William Duke of Normandy conquers England	69
1110	Arts and Sciences taught in Cambridge	64
1119	The first War between the French and English	63
1300	The Mariners Compass invented	45
1330	The Canaries discovered by an English Ship	42
1380	Gunpowder and the Use of Guns first found out	37
1453	Constantinople taken from the Christians	30

Wing 1757.

A.D.		Year since.
1463	The <i>Persians</i> conquered by <i>Tamerlane</i>	294
1500	<i>Rome</i> plundered by the Duke of <i>Bourbon</i>	255
1517	<i>Martin Luther</i> first disputed against Popery	240
1536	<i>England</i> separated from the Church of <i>Rome</i>	221
1588	The <i>Spanish Armado</i> defeated by the <i>English</i>	169
1603	<i>Q. Eliz.</i> dies, <i>Mar. 24.</i> and <i>K. James I.</i> began	154
1604	Died of the Plague in <i>London</i> in 2 Years 68,596	153
1605	Gunpowder Treason, <i>Nov. 5.</i>	152
1613	The New River Water brought to <i>London</i>	144
1618	The excellent Sir <i>Walter Raleigh</i> beheaded	139
1625	<i>K. James I.</i> died. <i>K. Charles I.</i> began, <i>Mar. 27.</i>	132
1625	35,417 Persons died of the Plague in <i>London</i>	132
1641	The cruel <i>Irish</i> Massacre began, <i>October 23.</i>	116
1643	<i>Burleigh-house</i> stormed by <i>Cromwel</i> , <i>July 24.</i>	114
1649	<i>K. Charles I.</i> barbarously murdered, <i>Jan. 30.</i>	108
1660	King <i>Charles II.</i> restored, <i>May 29.</i>	97
1665	68,586 Persons died of the Plague in <i>London</i>	92
1666	<i>London</i> burnt, and a great Sea-Fight with the <i>Dutch</i>	91
1672	War declared against the <i>Dutch</i> , <i>March 17.</i>	85
1674	A great Snow for 11 Days together	83
1675	The Town of <i>Northampton</i> burnt, <i>Sept. 3.</i>	82
1680	A great and splendid Comet appeared	77
1684	The great Frost that held 13 Weeks	73
1685	<i>K. Cha. II.</i> died, <i>Feb. 6.</i> and <i>K. James II.</i> began	72
1685	The Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>	72
1688	Seven Bishops sent to the Tower, <i>June 8.</i>	69
1688	King <i>James II.</i> abdicated, <i>December 12.</i>	69
1689	<i>K. William</i> and <i>Q. Mary</i> crown'd, <i>April 11.</i>	68
1692	The <i>French</i> Fleet intirely defeated by the <i>English</i>	65
1698	<i>Whitehall</i> Palace intirely destroyed by Fire, except the Banqueting House	59
1702	<i>K. William</i> died, <i>March 8.</i> and <i>Q. Anne</i> began	55
1702	<i>Q. Anne</i> proclaimed War against <i>France</i> , <i>May 4</i>	55
1703	A great and terrible Wind, <i>Nov. 26.</i> and <i>27.</i>	54
1704	<i>Gibraltar</i> taken by the <i>English</i>	53
1707	<i>England</i> and <i>Scotland</i> united, <i>May 1.</i>	51
1709	<i>Sacheverel</i> preached his seditious Sermon, <i>Nov. 5.</i>	48

Wing 1757.

A.D.		Years since.
1710	Riots and great Disturbances in England	47
1714	Q. Anne died, Aug. 1. and K. George I. began	43
1715	A famous Total Eclipse of the ☉ in England, April 22. in the Morning	42
1715	A Rebellion in <i>Scotl.</i> and <i>Lancashire</i> suppressed	42
1716	A great Frost in the Beginning of this Year	41
1718	The <i>Spanish</i> Fleet destroyed by Admiral Byng, near <i>Syracuse</i> , July 31.	39
1719	A surprizing Meteor seen, March 19, at 8 at Night	38
	Mr. <i>Flamsteed</i> , a celebrated Astronomer, died December 31.	38
1727	The incomparable Sir <i>Is. Newton</i> died Mar. 20.	30
1727	K. George I. died, June 10, and K. George II. began	30
1734	The Prince and Princess of Orange married, March 14.	23
	The Battle of the <i>Breeches</i> in <i>Italy</i> , Sept. 4.	23
1736	The Pr. and Princess of <i>Wales</i> married, Ap. 27.	21
1739	Letters of Marque published in <i>London</i> against the <i>Spaniards</i> , July 16.	18
1739	War declared by <i>Great Britain</i> against <i>Spain</i> , October 23.	18
1739	<i>Porto-Bello</i> taken and destroyed by Admiral <i>Vernon</i> , Nov. 22.	18
1740	A very severe Frost from Dec. 25. to Feb. 27.	17
1742	A Comet appeared from Feb. 18. to Mar. 14	15
	A Conjunction of ♄ and ♃ Aug. 18. in ♈	15
1743	A splendid Comet appeared from Decemb. 23. to February 18. in ♋.	14
1744	March 4. <i>France</i> declared War against <i>England</i> . and March 31. <i>England</i> declared War against <i>France</i> .	13
1745	<i>Cape Breton</i> taken from the <i>French</i> , June 16.	12
1746	The <i>Scotch</i> Highland Rebels defeated by his Roya. Highness the Duke of <i>Cumberland</i> , at <i>Culloden</i> , near <i>Inverness</i> , April 16.	10
1748	A General Peace, signed Octob. 7.	9

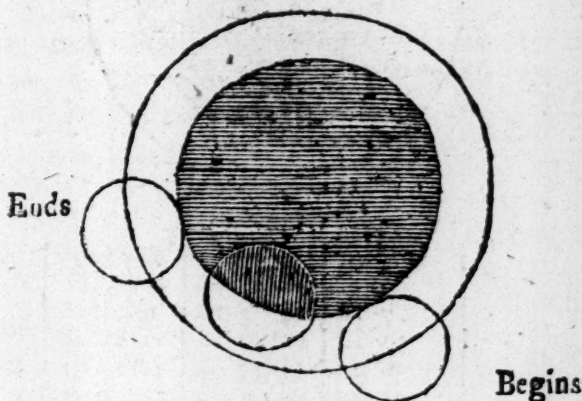
Wing 1757.

Of the Eclipses of the Luminaries, and other Cœlestial Phænomena this Year 1757.

THERE will be four Eclipses, two of each Luminary,
and will happen in the following Order.

The first Eclipse is of the Moon, and will happen on *Friday* the 4th of *February* in the Morning: It will be only visible in Part of our *British* Isle, the Moon being set some considerable Time before the Eclipse ends; but may be seen from the Beginning to the End in most Parts of North and South *America*. The following Calculations are for *London*, *Kingston in Jamaica*, and *Boston in New-England*.

The Type for *London*.

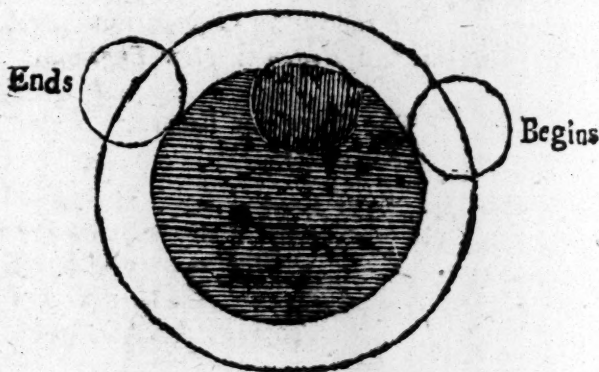


	<i>London.</i>	<i>Boston.</i>	<i>Kingston.</i>	
	H. M. S.	H. M. S.	H. M. S.	
Beginning	17 44 1	13 1 9	12 37 45	<i>February</i> the 3 ^d , in Afternoon.
Ecliptic ☿	18 59 59	14 17 7	13 53 43	
Middle	19 8 4	14 25 12	14 1 48	
End	20 32 7	15 49 15	15 25 51	
Whole Duration	2 48 6	2 48 6	2 48 6	
Digits Eclipsed	6 39 28	6 39 28	6 39 28	

The second Eclipse is of the Sun, on *Friday* the 18th of *February*, near One in the Afternoon; and though the Sun have a very considerable Elevation above our Horizon at that Time, yet the Moon's Parallax of Latitude will depress her too low to interpose between the Sun and us.

The third is an Eclipse of the Moon, and almost a total one, and visible if the Air proves clear; it happens partly on the 30th of *July* at Night, and partly on the 31st in the Morning according to the following Calculation,

The Type for London.



	London.	York.	Edinburg.	
	H. M. S.	H. M. S.	H. M. S.	
Beginning	10 7 18	10 3 18	9 55 18	
Ecliptic ☿	11 34 28	11 30 28	11 22 28	July the 30th, in the Aftern.
Middle	11 39 34	11 35 34	11 27 34	
End	13 11 50	13 7 50	12 59 50	
Whole Duration	3 4 32	3 4 32	3 4 32	
Digits Eclipsed	11 26 1	11 26 1	11 26 1	

The fourth and last Eclipse is of the Sun, on *Sunday* the 14th of *August*, near Ten at Night, and therefore invisible here, and in all these Parts of the Globe.

Other

Other Cœlestial Appearances.

ON the 19th of *February* near Five in the Morning, the two superior Planets *Saturn* and *Mars* will be in Conjunction, and will rise very near together, about half an Hour before the Sun; their Difference of Latitude will be only one Minutes.

The Moon this Year will make several near Appulses to the notable fixed Star, called *Aldebaran*; some of which may probably prove Occultations. I suppose that on the 25th Day of *February* near Seven at Night will be so; though I must confess that I have not Leisure enough to give a particular Account of it either by Calculation or geometrical Construction. The several greatest Elongations of *Mercury* from the Sun are remarked in the Almanack against the Days of the Month on which they will happen, to which I refer the Reader.

I think it proper to inform the Curious, that the late incomparable Sir *Isaac Newton* was of Opinion, that the Comet which appeared in the Year 1682, will appear again next Year, viz in 1758; if this should come to pass (as I have hopes it will) it will greatly confirm his Doctrine of Cosmetic Astronomy.

A Table of the Eclipses of *Jupiter's* first Satellites, reduced to correct or apparent Time 1757.

Immersion.				Immersion.				Immersion.				Immersion.			
<i>January.</i>				<i>January.</i>				<i>January.</i>				<i>January.</i>			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
2	15	13	41	11	11	31	19	18	13	21	56	25	15	13	9
4	9	41	11	13	5	58	49	20	7	49	41	27	9	41	4
6	4	8	43	15	0	26	50	22	2	17	28	29	4	9	7
7	22	36	16	16	18	54	12	23	20	45	15	30	22	37	11
9	17	3	49												

Wing 1757.

Immersion.				Immersion.				Emerfions.				Emerfions.			
February.				April				June.				August.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
1	17	5	14	6	10	16	31	7	11	7	4	10	4	14	38
3	11	33	18	8	4	45	24	9	5	35	23	11	22	43	37
5	6	1	27	9	23	14	18	11	0	3	40	13	17	12	42
7	0	29	37	11	17	43	12	12	18	31	57	15	11	41	47
8	18	57	51	13	12	12	4	14	13	0	15	17	6	10	51
10	13	26	6	15	6	40	56	16	7	28	33	19	0	39	56
12	7	54	23	17	1	9	53	18	1	56	50	20	19	9	12
14	2	22	41	18	19	38	50	19	20	25	8	22	13	38	28
15	20	51	3	20	14	7	39	21	14	53	27	24	8	7	38
17	15	19	26	22	8	36	28	23	9	21	46	26	2	36	48
19	9	47	59	24	3	5	14	25	3	50	9	27	21	6	3
21	4	16	33	25	21	34	1	26	22	18	33	29	15	35	18
22	22	45	6	27	16	2	47	28	16	46	53	31	10	4	34
24	17	13	40	29	10	31	33	30	11	15	13	September.			
26	11	42	16	May.				July.				2	4	33	51
28	6	10	53	1	5	0	16	2	5	43	35	3	23	3	7
March.				2	23	28	59	4	0	11	57	5	17	32	24
2	0	39	31	Emerfions.				5	18	40	21	7	12	1	42
3	19	8	10	4	20	5	50	7	13	8	46	9	6	31	1
5	13	36	53	6	14	34	28	9	7	37	13	11	1	0	24
7	8	5	37	8	9	3	6	11	2	5	41	12	19	29	48
9	2	34	27	10	3	31	42	12	20	34	17	14	13	59	8
10	21	3	17	11	22	0	19	14	15	2	53	16	8	28	28
12	15	32	7	13	16	28	51	16	9	31	26	18	2	57	46
14	10	0	57	15	10	57	23	18	4	0	0	19	21	27	4
16	4	29	48	17	5	26	0	19	22	28	37	21	15	56	20
17	22	58	39	18	23	54	37	21	16	57	14	23	10	25	37
19	17	27	28	20	18	23	4	23	11	25	56	25	4	54	54
21	11	56	18	22	12	51	32	25	5	54	38	26	23	24	11
23	6	25	11	24	7	19	57	27	0	23	22	28	17	53	30
25	0	54	4	26	1	48	22	28	18	52	7	30	12	22	49
26	19	22	58	27	20	16	45	30	13	20	55	October.			
28	13	51	53	29	14	45	8	August.				2	6	52	3
30	8	20	54	31	9	13	29	1	7	49	44	4	1	21	16
April.				June.				3	2	18	41	5	19	50	26
1	2	49	55	2	3	41	51	4	20	47	38	7	14	19	36
2	21	18	47	3	22	10	18	6	15	16	36	9	8	48	42
4	15	47	39	5	16	38	46	8	9	45	34	11	3	17	48
												Emerfions.			

Wing. 1757.

Emerfions.				Emerfions.				Immerfions.				Immerfions.			
<i>October.</i>				<i>October.</i>				<i>December.</i>				<i>December.</i>			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
12	21	46	51	25	7	9	27	<i>vember the</i>				20	19	58	51
14	16	15	53	27	1	38	11	<i>21st.</i>				22	14	26	23
16	10	44	51	28	20	6	55	11	23	41	3	24	8	53	58
18	5	13	49	30	14	35	40	13	18	8	39	26	3	21	33
19	23	42	48	Conjunction				15	12	36	15	27	21	49	5
21	18	11	46	of the Sun and				17	7	3	47	29	16	16	36
23	12	40	37	<i>Jupiter, No-</i>				19	1	31	18	31	10	44	5

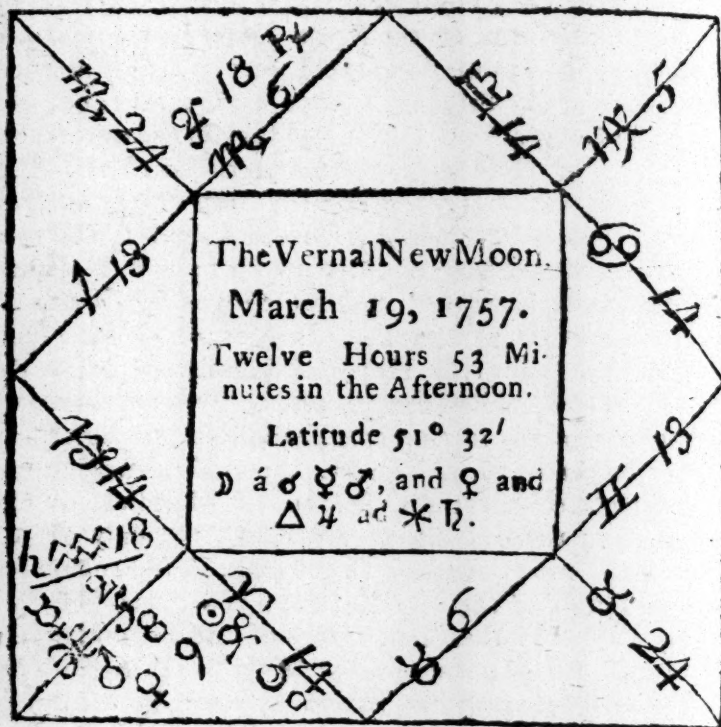
The Times of the Eclipses contained in this Table, are adapted to the Meridian of the Royal Observatory near *London*; and by carefully observing the Times of the Immerfions and Emerfions of this Satellite, which is the moft convenient and proper for Geographical Purpofes, of any of the other three, the Longitude or Difference of the Meridian of the Place where the Observation is made, and the Place the Eclipses are calculated for, may be exactly difcovered; and is the moft correct and practical Method ever yet hit upon: Notwithftanding the many whimsical, and fome ingenious Ways, invented for that Purpofe; by feveral Perfons which have fpent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thoufand Pounds offered by Parliament, for a practical Method for folving that grand Problem with Certainty, but hitherto to no Effect. It is alfo much more eafy and correct to find the Difference of Meridians by this Method, than by the Eclipses of the Moon, not only on Account of their more frequent happening, but becaufe the Motion and Times of thefe Immerfions and Emerfions are more eafily obferved, than the Times of the Beginning and End of a Lunar Eclipse; becauf the Time of the Moon's Ingreff into the Shadow of the Earth, and her Egrefs out of it, is not eafily diftinguifhed from that of the Penumbra.

I fhall illuftrate the Ufe of the Table by an Example.

Suppofe on the 23d of *September* this prefent Year, the Emerfion of *Jupiter's* firft Satellite be obferved by a good Teleftope,

Wing 1757.

Ilescope, to happen at thirty Minutes and fifteen Seconds past Eleven at Night; I find by the Table, that the Time of this Emerfion will happen at the *British* Observatory the same Night at twenty-five Minutes and thirty-seven Seconds after Ten: The Difference of the Time is one Hour, four Minutes and thirty-eight Seconds, which being converted into Degrees and Minutes of the Equator, gives sixteen Degrees, nine Minutes and thirty Seconds, the true Difference of Longitude East, because at the Place of Observation the Time is more from Noon than at the Observatory.



For Want of Room and Leisure, I shall suspend my Judgment on this Figure, and only observe, that,

When on the Sea two mighty Fleets engage,
 Oppose with Anger and with equal Rage:

Wing 1757.

On either Side the Foe distracted grows,
And Death unseen in dreadful Tempest flows :
Destruction they exchange ; by Turns they give
Exploded Ruin, and by Turns receive
Fury and Art produce Effects so strange,
They trouble Nature, and her Visage change,
Night, Horror, Slaughter with Confusion meets,
And in their sable Arms embrace the Fleets.
Through yielding Planks the angry Bullets fly,
And of one Wound Hundreds together die :
Born under different Stars, one Fate they have,
The Ship their Coffin, and the Sea their Grave.

A

Wing 1757.

A Table of the Equation of natural Days exactly calculated for the Year 1757.

	Janu.	Feb.	March.	April.	May.	June.
1	4 S. 22	14 14	12 42	3 55	3 10	2
2	4 50	14 21	12 30	3 37	3 18	2
3	5 18	14 27	12 17	3 19	3 25	2
4	5 45	14 32	12 4	3 0	3 31	2
5	6 12	14 37	11 50	2 42	3 37	2
6	6 38	14 41	11 35	2 24	3 42	1
7	7 4	14 43	11 20	2 7	3 47	1
8	7 29	14 45	11 4	1 50	3 51	1
9	7 54	14 46	10 48	1 32	3 54	1
10	8 19	14 46	10 32	1 15	3 57	1
11	8 43	14 46	10 16	0 58	3 59	0
12	9 7	14 45	9 59	0 42	4 1	0
13	9 30	14 43	9 42	0 26	4 1	0
14	9 52	14 41	9 25	0 11	4 2	0
15	10 12	14 38	9 8	0 A. 4	4 2	0
16	10 32	14 34	8 50	0 19	4 2	0 S
17	10 51	14 29	8 32	0 33	4 1	0
18	11 10	14 23	8 14	0 47	3 59	0
19	11 28	14 17	7 56	1 1	3 57	0
20	11 46	14 10	7 38	1 15	3 54	0
21	12 3	14 3	7 20	1 28	3 50	1
22	12 19	13 55	7 1	1 40	3 46	1
23	12 34	13 46	6 43	1 52	3 41	1
24	12 48	13 37	6 24	2 3	3 36	1
25	13 2	13 27	6 6	2 14	3 31	2
26	13 15	13 17	5 47	2 25	3 25	2
27	13 27	13 6	5 28	2 35	3 19	2
28	13 38	12 54	5 10	2 45	3 12	2
29	13 48		4 51	2 54	3 5	2
30	13 57		4 32	3 2	2 57	3
31	14 6		4 13		2 49	

If the equal Time be given; add to, or subtract the tabular Numbers from it, as directed by the Table, the Sum or Difference will be the correct or apparent Time.

Wing 1757.

A Table of the Equation of natural Days, exactly calculated for the Year 1757.

	July.	August.	Sept.	October	Nov.	Decem.
1	3 S. 15	5 47	0 A. 24	10 30	16 14	10 25
2	3 26	5 43	0 43	10 49	16 14	10 2
3	3 37	5 38	1 3	11 8	16 13	9 38
4	3 48	5 33	1 22	11 26	16 11	9 13
5	3 59	5 27	1 42	11 43	16 9	8 47
6	4 9	5 21	2 1	12 0	16 7	8 21
7	4 19	5 13	2 21	12 17	16 4	7 55
8	4 29	5 6	2 41	12 33	15 59	7 28
9	4 38	4 58	3 1	12 49	15 54	7 1
10	4 46	4 50	3 21	13 5	15 48	6 34
11	4 54	4 41	3 41	13 20	15 40	6 6
12	5 1	4 32	4 2	13 35	15 32	5 38
13	5 8	4 22	4 23	13 49	15 23	5 10
14	5 15	4 11	4 45	14 2	15 13	4 41
15	5 22	4 0	5 6	14 15	15 2	4 12
16	5 28	3 48	5 27	14 28	14 51	3 42
17	5 34	3 36	5 48	14 40	14 39	3 12
18	5 39	3 23	6 8	14 51	14 26	2 42
19	5 43	3 10	6 29	15 2	14 12	2 11
20	5 47	2 56	6 49	15 12	13 58	1 41
21	5 50	2 41	7 10	15 21	13 42	1 11
22	5 53	2 25	7 31	15 30	13 26	0 41
23	5 54	2 10	7 51	15 38	13 9	0 11
24	5 56	1 54	8 12	15 45	12 51	0 S. 20
25	5 57	1 38	8 32	15 51	12 32	0 50
26	5 57	1 22	8 53	15 56	12 13	1 20
27	5 57	1 5	9 13	16 1	11 53	1 50
28	5 57	0 47	9 33	16 5	11 32	2 19
29	5 56	0 30	9 52	16 8	11 10	2 48
30	5 54	0 12	10 11	16 11	10 48	3 17
31	5 51	0 A. 6		16 12		3 46

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Directions of the Table; the Sum or Difference will be the equal Time.

That the bare Motion of the Heavens and Earth
are a Demonstration of God.

IN treating concerning the Motion of the heavenly Bodies, (saith my Author) it will be necessary to say in that of the Earth too, it being not easy to speak of one without the other. And here are two Things that are manifest Demonstrations of the Presence and Management of God, namely, that such Bodies should move at all; and that their Motion is so regular.

That all those vast Globes of the Universe should have a Motion, must of Necessity be from some Being that has Power enough to put them in Motion. For as *Lactantius* well argues, there is indeed a Power in the Stars (and it may be said of the rest of the Globes) of performing their Motions, but that is the Power of God, who makes and governs all Things, not of the Stars themselves that are moved. For it is impossible for such lifeless, dull, unwieldy Bodies to move themselves, but what Motion they have, they must receive from something else able to move them.

Now this some will say may be effected by the Vortex surrounding the Sun, the Earth, or other primary Mover; or from a vectoral Power, or Emanations of the Sun, or other the like primary Movers, carrying about and pushing on such Bodies as move about them. But allowing that it is possible it might be so, yet still we must recur to some first Mover, some primary Agent, who was able to set the principal Mover in Motion; and then the Case amounts much the same, and the Argument hath the same Force whether we attribute the Motion of one, or all the several Globes to the Power of God. For in our solar System, for Instance, if it should be thought, that the six primary Planets revolving round the Sun, received their Motion from his Revolution round his own Axis; yet let us thin

as *Plato* argues, how it is possible for so prodigious a Mass to be carried round for so long a Time, by any natural Cause? For which Reason (saith he) I assert God to be the Cause, and that it is impossible it should be otherwise. Thus *Plato*; and his Argument is undoubtedly good, since, as *Aristotle* argues, every Thing that is moved, must of Necessity be moved by some other Thing; and that Thing must be moved by something that is moved either by another, or not by another Thing. If it be moved by that which is moved by another, we must of Necessity, saith he, come to some prime Mover, that is not moved by another. For it is impossible that what moveth, and is moved by another, should proceed *in infinitum*.

And now, therefore, if in our solar System, we should imagine the Moon to be wheeled about our Earth, by the Motion and vectoral Power of the Earth; and the Moons about *Saturn* and *Jupiter* by the Motion and vectoral Power of those Planets; and all the primary Planets to be turned round about the Sun by the Power of the Sun, yet at last we must find out a Mover of the Sun itself, and those other Primaries; a Cause of sufficient Power to wheel about those prodigious Masses of such vast Bulks, and which, besides their own Weight, are, according to the former Hypothesis, clogged and encumbered with the *Vis Inertia* of all those Planets, whether primary or secondary, or both, which they drive round. And if this was the Case, what Power can be found sufficient for this Work, but that of the same infinite Hand that at first gave them Being!

And so for all the rest of the moving Bodies of the Universe, such as Comets, new Stars, and the slow Motion of the Firmament, or fixt Stars in 25920 Years. This latter I shall say no more of, because it may not arise from any Motion of the Firmament itself, but from some other Cause. But for Comets, what Power but that of the Almighty could give them such prodigious Projections as their Trajectories or Orbs are found to have? Orbs that run into such amazingly long Ellipses, that it is wonderful how their projectile Force should carry them to such immense Distances.

Wing 1757.

‘ tances, and their Gravity at the same Time bring them
‘ back, and retain them in their Orbs.

‘ And so for the new Stars which are so many Signals
‘ planetary Systems dispersed here and there all over the Un-
‘ verse, they are all of them so many Manifestations and
‘ Demonstrations of an infinite Being, that hath imparted
‘ Motion unto them : And they are a Sign also that there
‘ are other Globes, besides the Sun and its Planets, which
‘ are moving Bodies, even that all the Globes in the Un-
‘ verse are such, and consequently so many Proofs of a
‘ Almighty first Mover.

‘ Thus the bare Motions of the Earth, and of the Heavens
‘ are so many Arguments of a divine Power therein con-
‘ cerned.’

F I N I S.

Books Printed for JOHN BEECROFT, (removed from Lombard-Street
to the Bible and Crown in Pater-Noster-Row. Price 6d. each, or 5
per Dozen.

1. A Companion to the Altar, shewing the Nature and Necessity of
Sacramental Preparation, in order to our worthy receiving the Holy Com-
munion, with Prayers and Meditations preparative to the Sacrament.

N. B. The above is printed in all Sizes to bind with all Sorts of Com-
mon-Prayers, and may be had as above.

2. The Daily Companion, with Christian Supports under the Troubles
of this World, with Prayers and Meditations.

3. The Devout Soul's Daily Exercise, in Prayers, Contemplations and
Praises, containing Devotions for every Day in the Week.

4. The Christian Monitor, containing an earnest Exhortation to a
holy Life, with proper Directions in order thereto.

5. The Daily Self-Examinant, or a Persuasive to the Duty of Daily
Self-Examination, by R. Warren, D. D.

6. Spiritual Counsel, or the Father's Advice to his Children, by
Norris,

7. An Effectual Remedy against the Fear of Death, by J. Norris.

8. The London New Method of teaching Children, to spell and read
perfectly, with Poems and Fables proper for Youth.

9. A Sermon concerning the Excellency and Usefulness of the Com-
mon-Prayer, by W. Beveridge. D. D.